

Staff Report to the Weber County Commission

Weber County Planning Division

Synopsis

Application Information

Application Request: To hold a public hearing to receive public comment, and for discussion and decision

on the proposed Western Weber County Resource Management Plan.

Agenda Date: Tuesday, August 01, 2017
Staff Report Date: Wednesday, July 26, 2017
Applicant: Weber County Planning Division

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Staff Information

Report Presenter: Charlie Ewert

cewert@co.weber.ut.us

(801) 399-8763

Report Reviewer: RG

Applicable Ordinances

§102-2-4 – Powers and Duties of the Planning Commission

Legislative Decisions

Decision on this item is a legislative action. When the Planning Commission is acting on a legislative item it is acting as a recommending body to the County Commission. Legislative decisions have wide discretion. Examples of legislative actions are general plan, zoning map, and land use code amendments.

Summary and Background

In the 2015 and 2016 legislative sessions, the state legislature enacted law requiring each county to create and implement a resource management plan. The 2016 legislation was intended to clarify the 2015 legislation to specify that a resource management plan is intended to focus on resources on public lands, however, there has been encouragement to offer a general approach to resource-systems management as they may cross public to private lands. The legislation includes 28 specific resources that the plan must address.

State and federal agencies typically create their own resource management plans. These plans are oriented around the mission and objectives of the particular agency. Federal agencies have a requirement when creating a management plan to try to coordinate efforts with a County's resource management plans. For this reason, clear objective in a County resource management plan will help influence federal planning efforts.

In early 2016, the planning division cooperated with the Wasatch Front Regional Council (WFRC) to create a clearing house of all known public agency resource management plans. WFRC contracted with the planning firm Bio-West to create a website that maps all known resources of the 28 resources listed in the new legislation. They were able to identify 234 specific goals and/or objectives relevant to Weber County. Each can be reviewed here: http://www.wfrc.org/new_wfrc/crmp/.

As part of WFRC's data gathering process Bio-West worked with Weber County to create a stakeholder committee to help identify the most important and relevant resources for Weber County. The stakeholder committee met in the fall of 2015.

In Spring of 2016 the county started working with the planning firm Logan Simpson, Inc., to write and format the plan using the information gathered by the WFRC, and as guided by the stakeholder committee's priorities. The attached Exhibit A is the proposed plan.

After review of the 234 goals/objectives specified by other public agencies regarding resource management in Weber County, the Planning Commission had no issue with any of them. This plan is intended to preserve the status quo of those goals/objectives, and reinforce some of the details with supplemental information.

Procedural Analysis

County Code

Weber County Code, Section 102-2-4 – Powers and Duties of the Planning Commission, specifies the powers of the planning commission. Two of those powers are as follows:

(1) The Planning Commission shall review the general plans and make recommendations to the County Commission, as deemed necessary, to keep the general plan current with changing conditions, trends, and planning needs of the County.

Thus, one of the obligations prescribed to the planning commission under state code is to ensure the general plan is up to date with changing conditions.

State Code

Planning Commission powers and duties

State code specifies that the planning commission is responsible for providing the County Commission with a recommendation for "a general plan and amendment to the general plan."

County Resource Management Plan

State code also details that a resource management plan shall be provided as a component of the general plan² and further specifies the following:

§17-27a-401 General plan required -- Content -- Resource management plan ...

- (a) The general plan shall contain a resource management plan for the public lands, as defined in Section 63L-6-102, within the county.
 - (b) The resource management plan shall address:
 - (i) mining;
 - (ii) land use;
 - (iii) livestock and grazing;
 - (iv) irrigation;
 - (v) agriculture:
 - (vi) fire management;
 - (vii) noxious weeds;
 - (viii) forest management;
 - (ix) water rights;
 - (x) ditches and canals;
 - (xi) water quality and hydrology;
 - (xii) flood plains and river terraces;
 - (xiii) wetlands;
 - (xiv) riparian areas;
 - (xv) predator control;
 - (xvi) wildlife;
 - (xvii) fisheries:
 - (xviii) recreation and tourism;
 - (xix) energy resources;
 - (xx) mineral resources:
 - (xxi) cultural, historical, geological, and paleontological resources;
 - (xxii) wilderness;
 - (xxiii) wild and scenic rivers;
 - (xxiv) threatened, endangered, and sensitive species;

¹ UCA §17-27a-302(1)

² UCA §17-27a-403(2)

(xxv) land access; (xxvi) law enforcement; (xxvii) economic considerations; and (xxviii) air.

- (c) For each item listed under Subsection (3)(b), a county's resource management plan shall:
 - (i) establish findings pertaining to the item;
 - (ii) establish defined objectives; and
 - (iii) outline general policies and guidelines on how the objectives described in Subsection
 - (3)(c)(ii) are to be accomplished.

Procedure for adopting a general plan or amendment

State code species the appropriate process to create and adopt a general plan or general plan amendment. Those procedures are as follows:

17-27a-404 Public hearing by planning commission on proposed general plan or amendment -- Notice -- Revisions to general plan or amendment -- Adoption or rejection by legislative body.

- (1) (a) After completing its recommendation for a proposed general plan, or proposal to amend the general plan, the planning commission shall schedule and hold a public hearing on the proposed plan or amendment.
 - (b) The planning commission shall provide notice of the public hearing, as required by Section 17-27a-204.
 - (c) After the public hearing, the planning commission may modify the proposed general plan or amendment.
- (2) The planning commission shall forward the proposed general plan or amendment to the legislative body.
- (3) (a) As provided by local ordinance and by Section 17-27a-204, the legislative body shall provide notice of its intent to consider the general plan proposal.
 - (b) (i) In addition to the requirements of Subsections (1), (2), and (3)(a), the legislative body shall hold a public hearing in Salt Lake City on provisions of the proposed county plan regarding Subsection 17-27a-401(4). The hearing procedure shall comply with this Subsection (3)(b).
 - (ii) The hearing format shall allow adequate time for public comment at the actual public hearing, and shall also allow for public comment in writing to be submitted to the legislative body for not fewer than 90 days after the date of the public hearing.
 - (c) (i) The legislative body shall give notice of the hearing in accordance with this Subsection (3) when the proposed plan provisions required by Subsection 17-27a-401(4) are complete.
 - (ii) Direct notice of the hearing shall be given, in writing, to the governor, members of the state Legislature, executive director of the Department of Environmental Quality, the state planning coordinator, the Resource Development Coordinating Committee, and any other citizens or entities who specifically request notice in writing.
 - (iii) Public notice shall be given by publication:
 - (A) in at least one major Utah newspaper having broad general circulation in the state;
 - (B) in at least one Utah newspaper having a general circulation focused mainly on the county where the proposed high-level nuclear waste or greater than class C radioactive waste site is to be located; and
 - (C) on the Utah Public Notice Website created in Section 63F-1-701.
 - (iv) The notice shall be published to allow reasonable time for interested parties and the state to evaluate the information regarding the provisions of Subsection 17-27a-401(4), including:

- (A) in a newspaper described in Subsection (3)(c)(iii)(A), no less than 180 days before the date of the hearing to be held under this Subsection (3); and
- (B) publication described in Subsection (3)(c)(iii)(B) or (C) for 180 days before the date of the hearing to be held under this Subsection (3).
- (4) (a) After the public hearing required under this section, the legislative body may make any revisions to the proposed general plan that it considers appropriate.
 - (b) The legislative body shall respond in writing and in a substantive manner to all those providing comments as a result of the hearing required by Subsection (3).
- (5) (a) The county legislative body may adopt or reject the proposed general plan or amendment either as proposed by the planning commission or after making any revision the county legislative body considers appropriate.
 - (b) If the county legislative body rejects the proposed general plan or amendment, it may provide suggestions to the planning commission for its consideration.
- (6) The legislative body shall adopt:
 - (a) a land use element as provided in Subsection 17-27a-403(2)(a)(i);
 - (b) a transportation and traffic circulation element as provided in Subsection 17-27a-403(2)(a)(ii);
 - (c) after considering the factors included in Subsection 17-27a-403(2)(b), a plan to provide a realistic opportunity to meet estimated needs for additional moderate income housing if long-term projections for land use and development occur; and
 - (d) before August 1, 2017, a resource management plan as provided by Subsection 17-27a-403(2)(a)(iv).

These are the minimum procedural requirements when adopting or amending the general plan. After hosting a public open house, holding a duly noticed public hearing, and considering public comment, the Western Weber Planning Commission has given a positive recommendation to the County Commission for the proposed CRMP.

Past Action on this Item

The Western Weber County Planning Commission held a public hearing and forwarded a unanimous recommendation for the attached CRMP to the County Commission in their June 13, 2017 meeting.

Noticing Compliance

Notice for the hearing on this item is in compliance with UCA §17-27a-204 and UCA §17-27a-401 in the following manners:

Posted on the County's Official Website

Posted on the Utah Public Notice Website

Published in a local newspaper

Planning Commission Recommendation

The Western Weber Planning Commission has forwarded a positive recommendation to the County Commission for the attached CRMP based on the following findings.

- 1. The proposed resource management plan, as required by state code, satisfies the requirements of state code.
- 2. The proposed resource management plan will help guide management of public resources on both public and private lands in a manner that best suits the desires of the Weber County public.
- The proposed resource management plan offers a framework to assist the county in its obligation to positively affect public agency management plans in a manner that best suits the desires of Weber County.

4. The proposed resource management plan will enhance the general health and welfare of County residents.

Exhibits

A. Proposed Resolution adopting the Western Weber County Resource Management Plan.

RESOLUTION NUMBER	
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A RESOLUTION ADOPTING THE WESTERN WEBER COUNTY RESOURCE MANAGEMENT PLAN

WHEREAS, Utah Code Annotated Section 17-27a-401 requires the adoption of a comprehensive long-range general plan for the County, and provides for mandatory and optional elements for the general plan; and

WHEREAS, pursuant to Weber County Land Use Code Section 102-2-2, the Weber County Board of Commissioners have heretofore created a planning advisory area referred to as the Western Weber Planning Area, and have appointed a Planning Commission for the area; and

WHEREAS, the Weber County Board of Commissioners have heretofore adopted various general plans and general plan elements for the Western Weber Planning Area, including, but not limited to, the 2003 West Central Weber County General Plan; and

WHEREAS, pursuant to Utah Code Annotated 17-27a-403, after duly noticed public hearings, the Western Weber Planning Commission has prepared and recommended to the Weber County Board of Commissioners a County Resource Management Plan, to be a new element supplementing the existing general plan; and

WHEREAS, after a duly noticed public hearing the Weber County Board of Commissioners has determined that adopting the proposed County Resource Management Plan is in the best interest of the health, safety, and welfare of the public, and is a requirement of state code;

NOW THEREFORE, the Weber County Board of Commissioners hereby adopts the Western Weber County Resource Management Plan, as attached hereto.

This resolution shall become es	ffective immedia	ately upon approval.
Passed and adopted thisBoard of Commissioners.	day of	, 2017, by the Weber County
	_	D OF COUNTY COMMISSIONERS EBER COUNTY
		By
		James Ebert, Chair
		Commissioner Ebert voted Commissioner Gibson voted Commissioner Harvey voted

Ricky Hatch, CPA
Weber County Clerk/Auditor

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ATTEST:



WESTERN WEBER COUNTY RESOURCE MANAGEMENT PLAN

WESTERN WEBER COUNTY RESOURCE MANAGEMENT PLAN

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INCORPORATED BY REFERENCE: APPENDIX A, PUBLIC AGENCY PLAN REVIEW MATRIX PREPARED BY WASATCH FRONT REGIONAL COUNCIL

PREPARED BY: WEBER COUNTY, UTAH



WITH ASSISTANCE FROM LOGAN SIMPSON





CHAPTER 1

INTRODUCTION

THE WESTERN WEBER COUNTY PLANNING AREA

In September, 2003, Weber County adopted the West Central Weber County General Plan for the unincorporated area of the County to the west of the Ogden area, including the Warren, Reese, West Weber and Weber Township areas as shown in Map 1.

The planning area for the 2003 Plan excluded unincorporated areas of Weber County to the east of the Ogden metropolitan area. In August, 2016 the Weber County Commission adopted the updated Ogden Valley General Plan, which included a resource management element as Chapter 8 of the plan. This Western Weber County Resource Management Plan (RMP) includes all of the area of unincorporated Weber County, not part of the Ogden Valley General Plan area, as shown in Map 2, encompassing approximately 208,000 acres.

CONTEXT AND LEGAL BASIS FOR THE COUNTY RESOURCE MANAGEMENT PLAN

House Bill 219, passed by the Utah Legislature during its 2016 general session, amended Section 17-27a-401 of the Utah Code to add a county resource management plan as a required element of county general plans. New Subsection (3) provides:

MORE INFORMATION

For more information visit: http://www.wfrc.org/
new wfrc/crmp/weber-county/

"(a) The general plan shall contain a resource management plan for the public lands, as defined in section 63L-6-102, within the county.

(b) the resource management plan shall

address:

Mining;

land use;

livestock and grazing;

irrigation;

agriculture;

fire management;

noxious weeds;

forest management;

water rights;

ditches and canals;

water quality and hydrology;

flood plains and river terraces;

wetlands:

riparian areas;

predator control;

wildlife;

fisheries:

recreation and tourism;

energy resources;

mineral resources;

cultural, historical, geological, and

paleontological resources;

wilderness;

wild and scenic rivers;

threatened, endangered, and sensitive species;

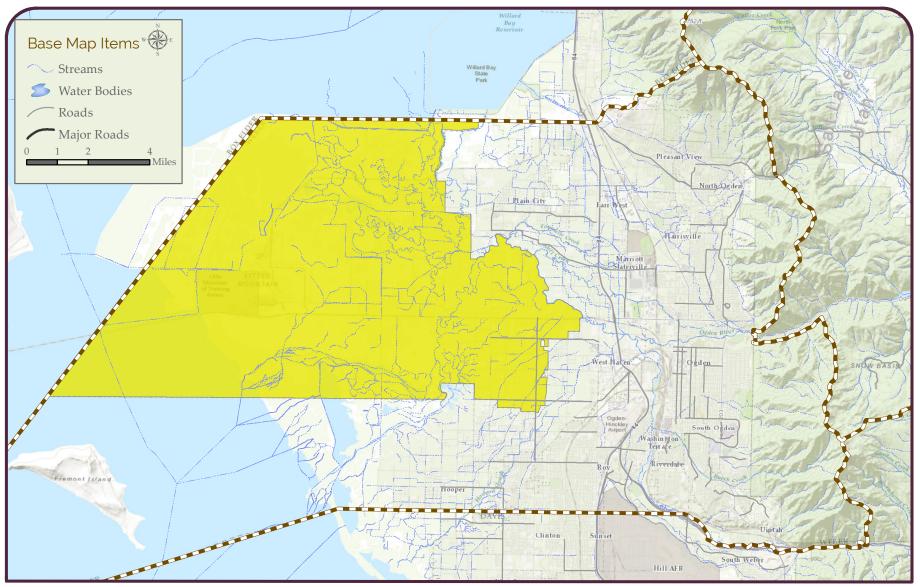
land access;

law enforcement;

economic considerations; and

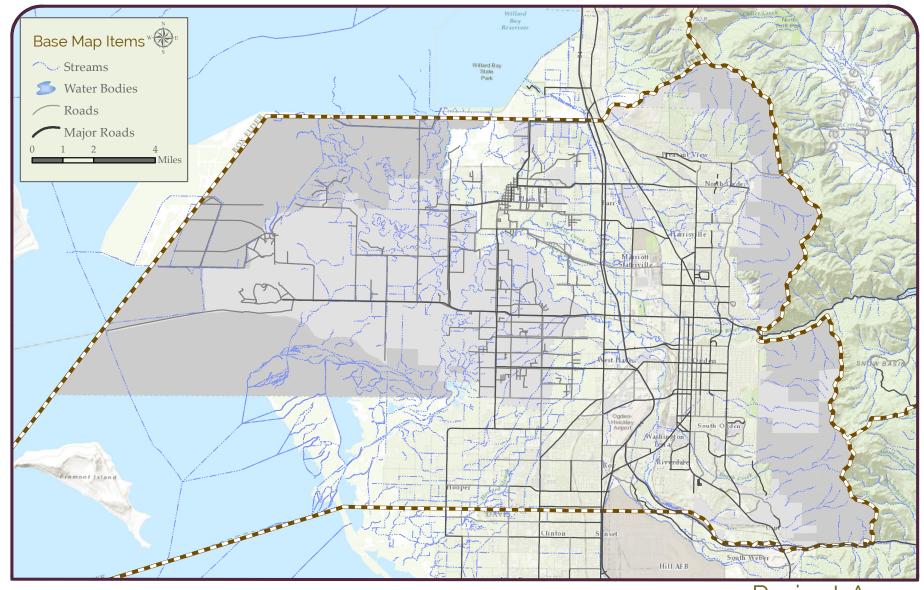
air.

MAP 1: 2003 GENERAL PLAN WEST CENTRAL WEBER COUNTY PLANNING AREA



2003 Western Weber General Plan Area

MAP 2: WEBER COUNTY RESOURCE MANAGEMENT PROJECT AREA



Unincorporated Western Weber County

- State or Federal Land
- Private

Project Area

Date: 5/1/2017

(c) For each item listed under Subsection (3)(b), a county's resource management plan shall:
(i) establish findings pertaining to the item;
(ii) establish defined objectives; and
(iii) outline general policies and guidelines on how the objectives described in Subsection (3)
(c)(ii) are to be accomplished."

The focus of HB 219 is on the management of public lands and resources as defined in State statute, including lands managed by the Bureau of Land Management (BLM), the U.S. Forest Service and other federal agencies. The definition of "public lands" excludes "...lands owned or held in trust by this state, a political subdivision of this state, or an independent entity." The RMP planning area encompasses approximately 208,000 acres. Within the RMP planning area are approximately 16,000 acres of National Forest lands, 10,000 acres within the Bear River Migratory Bird Refuge managed by the U.S. Fish and Wildlife Service, and approximately 412 acres owned by the U.S. Department of Defense in the southwestern Little Mountain area.

The Forest Service is required to coordinate "...with the land and resource management planning processes of State and local governments" in their land planning efforts. (16 U.S.C. §1604(a)) The Forest Service's planning regulations state that "the Responsible [Forest Service] Official must provide opportunities for the coordination of Forest Service planning efforts...with those of other resource management agencies." Furthermore, the agency's planning regulations provide that "the Responsible Official should seek assistance, where appropriate, from other state and local governments...to help address management issues or opportunities." (36 C.F.R.

219.9) Although there is no explicit parallel requirement for consistency of Forest Service plans with plans of state, local and tribal governments as that contained within FLPMA for the BLM Resource Management Plans, the Forest Service is required to "discuss any inconsistency" between the proposed plan's provision and "any approved State or local plan and laws." Further, if any inconsistencies exist, the plan must "describe the extent to which the [Forest Service] would reconcile its proposed action with the plan or law." (40 C.F.R. §1506.2(d))

There are also approximately 71,000 acres of State of Utah owned lands in the planning area, which include the Harold Crane State Wildlife Management Area (2,629 acres) and the bed of Great Salt Lake. The Utah State and Institutional Trust Lands Administration (SITLA) owns approximately 5 acres in the planning area. Although not the focus of the House Bill 219 planning effort, the planning team saw value in looking at the resources identified more holistically to develop statements of desired future conditions (goals), policies and implementation, where appropriate, that would be applicable regardless of land ownership or management.



PLAN PROCESS AND METHODOLOGY

In order to support Utah counties in implementing the new resource management plan requirements, The Community Impact Board financially supported the development of databases for each county in the Wasatch Front Regional Council (WFRC) area to rely on in preparing each resource management plan. The WFRC retained a contractor to identify, gather and organize information relevant to the RMP process. Those data were gathered and are reported on a county-wide basis, in map, table and narrative formats, and the information is available on the WFRC website at http://www.wfrc.org/new wfrc/crmp/. The information addresses all the subject matter categories specified in House Bill 219 and the Utah Code.

Weber County began the overall RMP process in January, 2016 with a series of stakeholder meetings to identify data needs and issues for detailed evaluation in the RMP process. The County completed a Resource Management Element as part of the Ogden Valley General Plan update project in 2016, which was underway when the CRMP process began. This RMP addresses the balance of unincorporated Weber County. Data were not collected nor reported for the Western Weber County planning area as a separate sub-area of Weber County. As a result, much of the information provided to support this RMP is described in general terms and extrapolated from other data.

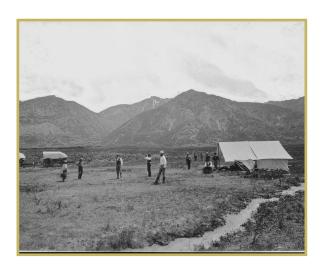
Based on the initial January stakeholder input, additional western Weber County stakeholder interviews were conducted in June and July, 2016. On direction from the County Planning Department, a draft of this RMP was prepared and introduced for public comment at an open house on May 9, 2017.

COUNTY HISTORY AND CULTURE

LAKESIDE RMP AREA

The unincorporated area to the west of the Ogden metropolitan area is the study area for the 2003 West Central Weber County General Plan, a historically agricultural area. For the purposes of this RMP, this area will be referred to as the Lakeside RMP area. Nearly 45,000 acres of the Lakeside RMP are occupied by the shoreline and bed of Great Salt Lake, and are under the management of the Utah Division of Wildlife Resources and the Division of Forestry Fire and State Lands. Management of these areas provides for recreation, wildlife habitat, and a variety of other uses and values, and is important to the residents of the planning area and the County as a whole.

The 2003 Plan reports that residents in the Lakeside area value the open spaces resulting from the dominance of agricultural uses in the Lakeside area. Agriculture has been the primary land use since the Lakeside area was



First camp of the Survey, at Ogden, Weber County, Utah Source: U.S. National Archives and Records Administration

settled, and many people hold the view that agriculture should continue to be the highest priority for the area, with between 96 and 98 percent of responses gathered during the 2003 General Plan process express a desire to maintain rural character and agricultural land. Rural atmosphere is the quality most often expressed as desirable. Respondents defined rural atmosphere as the openness of the area, the keeping of animals on their properties, and the agricultural uses and businesses in the area.

The 2003 West Central Weber County General Plan contains a Vision Statement that provides: "West Central Weber County is a place that:

- Values and protects its rural character, lifestyle, and atmosphere.
- Manages growth to strike a balance between preservation and development.
- Provides the necessary and desired community services to assure a high standardof-living to its residents.
- Encourages safe, efficient, and varied transportation systems.
- Maintains a community that is safe from environmental hazard and criminal activity."

The 2003 Plan contains three main elements that address Land Use, Transportation and Sensitive Lands, and identifies a series of implementation tools focused on protecting and developing sensitive lands and preserving open space. The policies and direction of the 2003 West Central Weber County General Plan largely inform the direction and initiatives of this RMP.



MOUNTAINSIDE RMP AREA

The unincorporated area to the east of the Ogden metropolitan area lies in the foothills and slopes of the Wasatch Mountains and is primarily in the Uinta-Wasatch-Cache National Forest, in the Ogden Ranger District. For the purposes of this RMP, this area will be referred to as the Mountainside RMP area. The Uintah-Wasatch-Cache National Forest is managed pursuant to the 2003 Revised Wasatch-Cache National Forest Management Plan. Specific management directions are provided for the North Wasatch Ogden Valley Management Area, which includes the Mountainside RMP area.

Road access into the National Forest is limited to the North Ogden and Ogden Canyons. All other access to the National Forest in the planning area is via non-motorized trails. The western side of the Wasatch Mountains has provided recreational opportunities primarily in the form of hiking and hunting, as no designated ATV routes or campgrounds are present.



View of the Wasatch Mountains from Plain City Source: http://assets.utahrealestate.com/ photos/640x480/1200537_6.jpg

CHAPTER 2

KEY COUNTY RESOURCES AND MANAGEMENT PRIORITIES

The RMP planning area is located to the east and west of Ogden and the other incorporated areas of Weber County, adjacent to Great Salt Lake on the west, and adjacent to the Wasatch Mountains on the east. Nearly 45,000 acres of the planning area is occupied by the shoreline and bed of Great Salt Lake, and is under the management of the Utah Division of Wildlife Resources and the Division of Forestry Fire and State Lands. Management of these areas provides for recreation, wildlife habitat, and a variety of other uses and values, and is important to the residents of the planning area and the County as a whole.

The Uintah-Wasatch-Cache National Forest is managed pursuant to the 2003 Revised Wasatch-Cache National Forest Management Plan. Specific management directions are provided for the North Wasatch Ogden Valley Management Area, which includes the Mountainside area of the RMP planning area.

At the beginning of the County-wide RMP process, five key resources of greatest importance to the County were identified by stakeholders as follows:

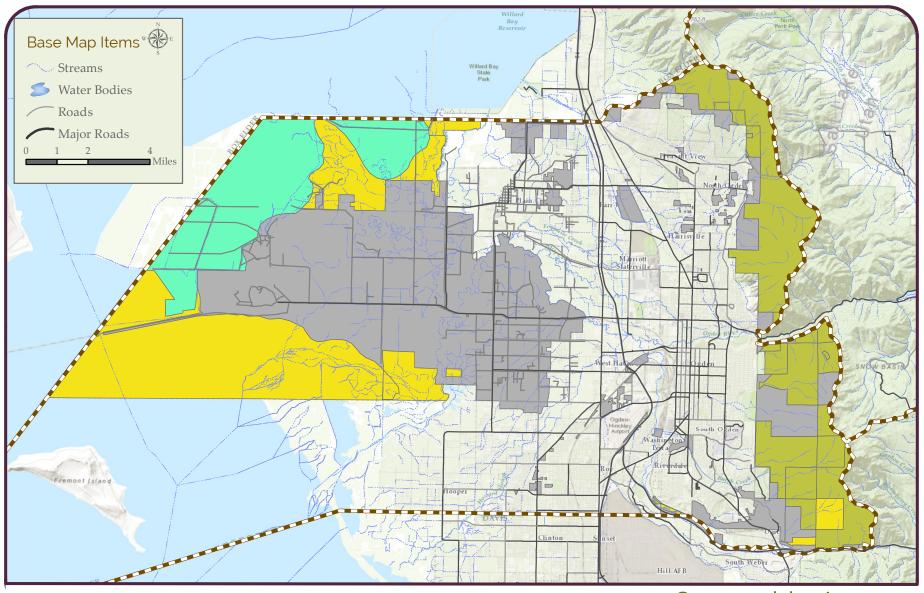
- Recreation and Tourism
- Water Quality and Hydrology
- Water Rights
- Land Use
- Agriculture

According to the 2003 West Central Weber County General Plan, the areas of greatest interest to the residents of the Lakeside planning area are agriculture, land use, water rights and recreation. Given these management priorities, and the management direction provided in the 2003 Revised Wasatch-Cache National Forest Management Plan, this RMP groups the twenty-eight required resource elements into five general categories: Land Resources, Water Resources, Recreation Resources, Wildlife Resources and Socio-Economic Resources. Each section presents a description of the resource and the current resource management setting; a description of relevant socio-economic effects of resource management; and the desired future management conditions. Statements of goals, policies and implementation steps, as appropriate to each resource, are provided in Section 3.

LAND RESOURCES

This Land Resources section addresses land use; agriculture; livestock and grazing; irrigation; mining; mineral resources; energy resources; fire management; noxious weeds; forest management; land access; wilderness and wild and scenic rivers. These topics are further combined into subsections that group resources logically and in a manner that complements the structure of the body of the 2003 General Plan.

MAP 3: OWNERSHIP



Legend

Unincorporated DNR

Unincorporated Private

Unincorporated USFS

Unincorporated USFWS

Ownership Agency

Date: 5/1/2017

LAND USE AND LAND ACCESS

The 2015 census estimated a population of 238,682 in Weber County, a 23% increase from 2000 (196,553). Most of that growth in population occurred in the incorporated areas of the County. The area of West Central Weber County illustrated in Map 1 is assumed to be home to approximately three percent of the total Weber County population or approximately 7,099 in 2015.

RMP Area

Western Weber County zoning categories, acreage, and the percentage of the total acreage are as follows:

- Residential 1,342 acres, 1.8%
- Commercial 60 acres, .08%
- Manufacturing 9,926 acres, 13.3%
- Open Space- 124 acres, .20%
- Shoreline 29,631 acres, 39.8%
- Agricultural 32,979 acres, 44.3\$
- Other- 272 acres, .36%

Total - 74,338 acres

It should be noted that within the Utah sovereign lands category are two State wildlife management areas and a portion of Great Salt Lake that contribute both habitat and recreational values. It should also be noted that the main mining activity in the planning area, salt extraction, is taking place on Utah sovereign lands.

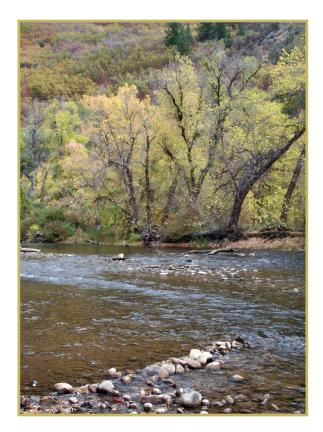
The resources of Great Salt Lake and the underlying lake bed are managed by the Utah Division of Forestry, Fire and State Lands (FF&SL) pursuant to the 2013 Great Salt Lake Comprehensive Management Plan. The Comprehensive Management Plan provides:



Wasatch-Cache National Forest, Weber County Photographer: Ken Krahulec

"The framework for sovereign land management is found in the Utah Constitution (Article XX), state statute (primarily Chapter 65A-10), and administrative rule (UTAH ADMIN. CODE R652). The constitution accepts sovereign lands to be held in trust for the people and managed for the purposes for which the lands were acquired. UTAH CODE § 65A-2-1 states that "The division [FFSL] shall administer state lands under comprehensive land management programs using multipleuse, sustained-yield principles." Briefly stated, the overarching management objectives of FFSL are to protect and sustain the trust resources and to provide for reasonable beneficial uses of those resources, consistent with their long-term





South Fork of the Ogden River Source: Utah Division of Wildlife Resources

protection and conservation. This means that FFSL will manage GSL's sovereign land resources under multiple-use sustained yield principles, implementing legislative policies and accommodating public and private uses to the extent that those policies and uses do not compromise Public Trust obligations (UTAH CODE § 65A-10-1) and economic and environmental sustainability is maintained. Any beneficial use of Public Trust resources is ancillary to long-term conservation of resources."

The Division of FFSL has established five management classes for Great Salt Lake resources. The Lakeside RMP area includes sovereign lands designated under Classes 1 (the salt mining lease areas) and 6 (the wildlife management areas), as follows:

Class 1: Managed to Protect Existing
Resource Development Use. Lands under
this classification include the area around
Antelope Island delegated to DSPR for
recreation management, the area around
Saltair and GSL Marina, existing mineral
extraction lease areas, and areas under
special use lease for brine shrimp cyst harvest
activities. These lands would be open to oil
and gas leasing, but no surface occupancy
would be allowed in the recreation areas.

Class 6: Managed to Protect Existing Resource Preservation Uses. This classification covers existing WMAs. Lands would be available for oil and gas leasing with no surface occupancy.

Mountainside RMP Area

Land uses in the Mountainside area include limited residential uses in the foothills between the incorporated areas and the National Forest, public water storage reservoirs, some limited gravel mining and the National Forest itself. Vehicular access into the National Forest in the study area is limited to Ogden Canyon (SR 39) and North Ogden Canyon (SR 569). Travel routes within the Forest are managed pursuant to the 2016 Ogden Ranger District Travel Management Plan. The only travel route open to motorized vehicles in the study area is the Skyline Trail, which is located along the Wasatch Mountain ridgeline on the eastern boundary of the RMP study area, and is open to motorcycles only. The Skyline Trail is accessible from both the North Ogden and Ogden Canyon highways. Non-motorized access to and within the National Forest is available via a number of recreational trails in the study area.

AGRICULTURE, LIVESTOCK, GRAZING, IRRIGATION AND PREDATOR CONTROL

Lakeside RMP Area

As reported in the 2003 General Plan, agriculture is the dominant land use in the Lakeside area. All of the agricultural operations in the Lakeside RMP area are located on private lands. Many parcels in the western part of Weber County are small "ranchettes" of 5 to 10 acres. In 2002, approximately 28,116 acres of land were in agricultural use, for grazing of cattle and horses, crop production (alfalfa, hay, small grains, such as, oats, wheat, and barley), and dairy operations (16 operations and approximately 2,765 dairy cows). With the growth of population in the County since 2002, the number of acres in agricultural uses in the Lakeside area has decreased to 27,743 acres, 2 percent less than in 2002. Additionally, there are approximately 3,818 in Agricultural Protection Areas.

In 2013, the Weber Conservation District published the Weber County Resource Assessment that identifies agricultural land preservation and sustainability as one of five priorities for the District. The Resource Assessment also contains recommendations for implementation steps toward those ends. Agricultural operations in the Lakeside RMP area are dependent on a network of irrigation ditches and canals. A map of the existing and proposed irrigation ditches and canals that serve the RMP planning area is available on the WFRC website. While many irrigation ditches in The Lakeside RMP area have been converted to pressurized pipe, open canals and ditches remain important to the continued viability of agricultural operations.

Mountainside RMP Area

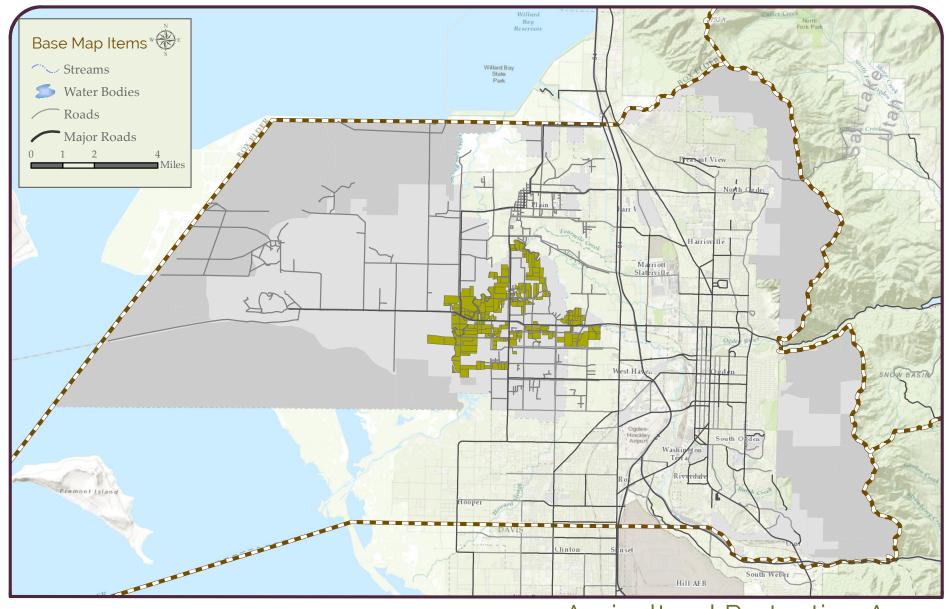
The bulk of the private land in the Mountainside RMP area is currently zoned A-1, F-40, and RE-20.





Farmer Source: Hoopercity.com

MAP 4: AGRICULTURAL PROTECTION AREAS



Unincorporated Western Weber County

Private

Agricultural Protection Areas

Date: 5/1/2017

PREDATOR CONTROL

Predator control in the RMP planning area is managed by the Utah Division of Wildlife Resources (UDWR), and includes a coyote removal program. For more information on predator control, see the UDWR and WFRC websites.

MINING, MINERAL RESOURCES AND ENERGY RESOURCES

Within the planning area are several sand, gravel and rock aggregate operations which are located on private property and are owned by the surface property owners. The main mining activity in the planning area is salt extraction from large evaporation ponds on State sovereign lands on the bed of Great Salt Lake. There are no other State-permitted metal or leaseable mineral mines in the RMP planning area.



Source: Utah Division of Wildlife Resources

No energy minerals are extracted in the RMP planning area, but there are four hydropower generating plants and there is potential for geothermal power development. Other renewable energy resources, such as solar and wind power, have potential for private or small-scale commercial uses in the planning area, but large-scale power generation in the RMP planning area is unlikely because most of the available lands are privately owned, and are currently in agricultural or residential uses.

FIRE MANAGEMENT AND NOXIOUS WEEDS

Fire Management

In Utah the State legislature tasked the Utah Division of Forestry, Fire, and State Lands (DFFSL) to devise a Comprehensive Statewide Wildland Fire Prevention, Preparedness, and Suppression policy known as SB-56. Under this plan, a master cooperative wildland fire management and Stafford Act response agreement is signed each year between numerous federal land management agencies and the State of Utah for cooperation during wildland fire incidents that occur throughout the state. Weber County is within the service area of the Northern Utah Interagency Fire Center (NUIFC), located in Draper. NUIFC is a joint dispatch center operated through cooperation among the Bureau of Land Management, U.S. Forest Service and the State of Utah Division of Forestry Fire and State Lands. NUIFC is responsible for dispatching and coordination of wildfires (averaging 500 fires per/year) and incidents for approximately 15 million acres located in Box Elder, Cache, Rich, Tooele, Weber, Morgan, Davis, Duchesne, Juab, Sanpete, Salt Lake, Summit, Wasatch and Utah Counties. From the WFRC RMP website:



"Response to fire incidents relies on proper oversight, guidance, and partnership among a variety of trained professional organizations. Establishing a fire management system is a critical step in protecting communities both urban and rural. Fire management refers to the principles and actions to control, extinguish, use, or influence fire for the protection or enhancement of resources as it pertains to wildlands. It involves a multiple-objective approach strategy including ecosystem restoration, community preparedness, and wildfire response."

Noxious Weeds

From the 2013 Natural Resource Conservation Service (NRCS) Weber County Resource Assessment (Attachment B to this RMP):

"Both noxious and invasive weeds are competitive non-native species that are introduced into environments where they readily adapt and reproduce prolifically. They negatively affect agricultural lands, forests, nature preserves, stream banks, private lands, and parks. If left unmanaged, weeds can quickly dominate a land-scape and crowd out native plants, thus reducing forage for animals and increasing the risk of wildfire... In addition noxious weeds, such as purple loosestrife and non-native phragmites, have infested many of the irrigation delivery systems in the county, created difficulties with conveyance, and reduced the amount of available water."

Many species of exotic and invasive weeds exist in the Utah. The Utah Noxious Weed Act of 2008 defined 28 noxious weed species into three prioritization categories. In December

2015 the official State Noxious Weed list was updated to include 54 species and prioritization categories were modified to include five categories of priority for action. State land managers, local governments, and property owners are responsible for controlling weed species on the state's noxious weeds list, and local weed species of concern if necessary. Weed control includes both lands under local management (roads, right-of-ways, parks, etc.) as well as enforcing weed laws on private lands. State law provides county weed managers the right to treat weeds on private lands (assuming proper notice is provided) if the landowner is unwilling or unable to treat the problem, and to seek reimbursement or apply liens for the work.

The local weed control program for the planning area is the Weber County Weed Department. County weed boards



MORE INFORMATION

For more information about noxious weeds in Weber County, visit: http://www1.co.weber.ut.us/weeds/noxious.php

are responsible for the formulation and implementation of county-wide coordinated noxious weed control programs designed to prevent and control noxious weeds within its county. The Weber Conservation District has recently become the Weber County weed board. A Weber-County-specific weed control assessment is available from the Utah Association of Conservation Districts (UACD) and the federal Natural Resource Conservation Service (NRCS): Weber County Resource Assessment (2013).

FOREST MANAGEMENT

Approximately 16,000 acres in the eastern portion of the study area are within the Uinta-Wasatch-Cache National Forest. The National Forest in the RMP planning area is managed in accordance with the 2003 Revised Wasatch-Cache National Forest Management Plan (the Forest Plan). The Forest Plan provides management directions for the North Wasatch Ogden Valley Management Area which includes the RMP planning area.

With regard to timber management, the Forest Plan provides as follows:

"Although there are no capable available timberlands in the area, there are needs for reducing fuels and providing buffers adjacent to interface communities. If economic use can be made of any of the fuel materials, there may be potential for some type of commercial harvest."

With regard to Wild and Scenic Rivers, the Forest Plan provides:

"The Left Fork South Fork Ogden River (Frost

Canyon/Bear Canyon confluence to Causey Reservoir for scenery values) will be managed to protect the values that made it eligible in the inventory. Activities within the corridor will maintain a "Wild" classification."

With regard to roadless areas, the Forest Plan provides as follows:

"All the roadless areas on the Ogden Ranger District (Burch, Lewis, and Willard Peak) will maintain or mostly maintain roadless values. They will be closed to winter motorized use with exception of a limited portion of the east side of the Willard Peak Roadless Area. Burch Creek Roadless Area will be managed to mostly maintain roadless values while continuing to provide non-motorized, relatively rugged dispersed recreation opportunities. Any proposal for special uses in the area must consider the prohibition on road construction and potential impacts to roadless characteristics."

There is no designated wilderness, nor are there designated wild and scenic rivers, in the RMP planning area. The management prescriptions for other National Forest resources in the RMP planning area, such as wildlife, water and recreation resources, are discussed in each resource section.



WATER RESOURCES

This Water Resources section addresses water rights; water quality and hydrology; and flood plains and river terraces.

WATER RIGHTS

Water rights in the RMP planning area have been fully adjudicated, and are managed according to the rules of the Utah State Engineer. No additional water is available for appropriation, so new development must rely on existing water rights.

WATER QUALITY AND HYDROLOGY

Water quality in Utah is regulated by the Utah Division of Water Quality (UDWQ) through the issuance of permits to discharge to surface waters in the State. In general, surface and ground water quality in the RMP planning area is good. The Ogden River in the planning area is classified by the UDWQ in Assessment Category 1, that it supports all designated uses, which include Primary Contact Recreation, Cold Water Aquatic Life, and Agricultural Uses. The Weber River in the planning area is in Assessment Category 5, and requires additional reductions in pollution from non-point sources, such as storm water and overland flows, but is meeting its designated uses which include Secondary Contact Recreation, Cold Water Aquatic Life, and Agricultural Uses.

The Uinta-Wasatch-Cache National Forest Management Plan addresses water quality management as follows:

"Watershed protection for quality water and normal flow regimes along with maintenance of undeveloped character will continue to be a primary emphasis in all management decisions regarding this area of highly intermingled private/public urban/wildlands. Any disturbance or development must consider watershed integrity and susceptibility to debris flows that can originate on National Forest System lands... In general, recreation will





Taylor Canyon South Trail
Source: Steve Baker, The Deseret News
Bird Watchers on the Great Salt Lake
Source: Leia Larson, The Standard Examiner

be managed with watershed condition as a priority. User-created trails within riparian areas will be evaluated and relocated and/or designed, armored and adequately drained to reduce impacts to streams while allowing access for recreation. Trail alignments will be corrected to prevent excessive erosion while continuing to provide access."

Water supply in the RMP planning area is from both surface sources and groundwater wells. Although water supplies for current uses are thought to be adequate, localized areas of groundwater table depression occur at some locations. One major water supplier, the Weber Basin Water Conservancy District (WBWCD), provides both culinary and secondary (nonpotable) water service in the RMP planning area. The WBWCD has developed a supply and demand plan and conducts on-going water resource planning to ensure adequate water supplies in the planning area.

FLOOD PLAINS AND RIVER TERRACES

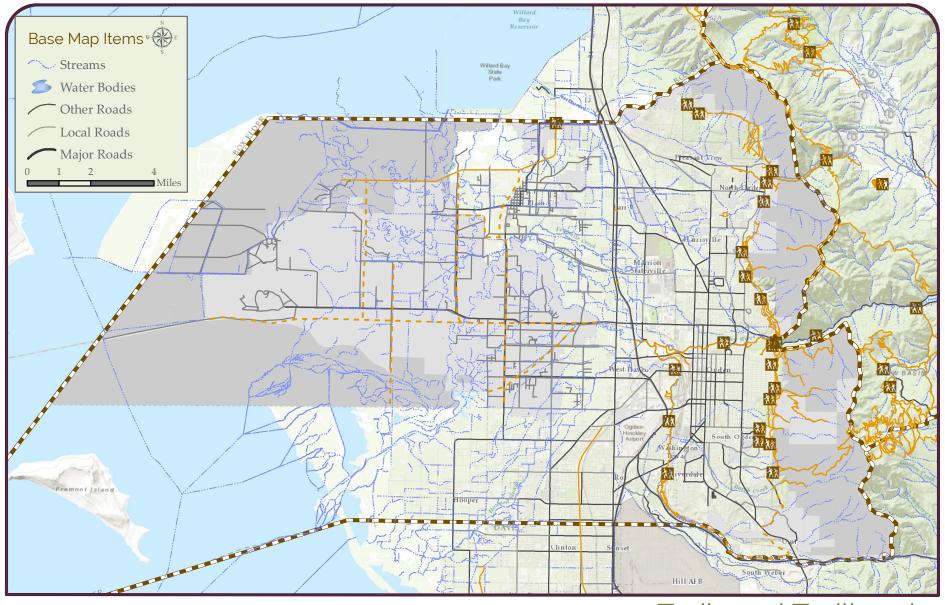
Flood plains and river terraces can both provide wildlife habitats and pose threats to land development. The Federal Emergency Management Agency (FEMA) provides maps of areas of potential flooding so that community officials, emergency responders, and the general public can be informed and plan accordingly to avoid or reduce impacts from floods. The flood hazard maps are used to guide development and reduce risk by avoiding flood hazard areas, or by applying special restrictions and development standards for flood areas. Weber County has adopted the FEMA maps and implemented flood protection regulations.

The floodplain of Great Salt Lake is considered to be the lakeshore elevation of 4,217 feet above sea level. Special development restrictions for areas below 4,217' have been adopted by cities and Weber County in the planning area.

RECREATION RESOURCES

This section discusses recreation and tourism in the RMP planning area. The 2003 West Central Weber County General Plan reports that, during the planning process, "Many people expressed a desire for developed public parks (with playing fields, pavilions, playgrounds, tennis courts), a variety of trails including pedestrian, bicycle and equestrian trails, recreation facilities such as a recreation center and other developed facilities, and a library. Some suggested that utility easements are good locations for trails and bike paths; others felt that canals are too dangerous for use as trails. The concept of a "river walk" was mentioned, but those with property directly on the river were opposed to trails development along the river. It was suggested that the river flood plain should be purchased and held in public ownership."

MAP 5: TRAILS AND TRAILHEADS



Unincorporated Western Weber County

- State or Federal Land
- Trailheads

Private

- Trails
- --- Potential Multiuse Trails

Trails and Trailheads

Date: 5/1/2017

Within the 2003 General Plan area, one public park of 5.75 acres is located in the Reese Township. This park is under the jurisdiction of West Warren Park Service District Numbers 5 and 6. Three other private parks are owned and managed by the LDS Church and are not open to the general public. These include Warren LDS Bowery, West Weber LDS Park, and Taylor LDS Park. The LDS Church may allow their parks to be used by the general public, however a "hold harmless" agreement must be executed between the Board of Weber County Commissioners and the LDS Church. No such agreement was on file as of 2002.

The National Forest in the Mountainside RMP area provides a variety of recreational opportunities, including hiking, biking, climbing, back-country skiing, hunting and other outdoor pursuits. The 2003 Forest Plan states;

"Trails and trailheads will be designed to support year-round use where possible. A connection for the Bonneville Shoreline Trail will be created through the North Ogden area in cooperation with the cities of North Ogden, Pleasant View and Willard. Needed access and rights of way will be maintained or acquired to complete the Bonneville Shoreline trail along the Wasatch Front. Public access to National Forest in Davis and Weber Counties will be a priority to maintain or obtain, as development continues from Fruit Heights, Kaysville, Ogden, North Ogden, Pleasant View and Ogden Valley. The Ogden front will continue to be closed to winter motorized use providing non-motorized designated trail opportunities while providing maximum protection to these high value watersheds. Opportunities for limited

summer motorized use on designated routes (Skyline Trail/Great Western Trail in Lewis Peak Area)."

The Forest Plan goes on to provide "The roadless areas from Willard to Ogden Canyon will provide non-motorized recreation opportunities in winter except from east of the road to Willard Peak to the Weber-Box Elder County line, which will be open for winter motorized uses."

Some land in Malan's Basin to the east of Ogden is privately owned, and offers private recreation opportunities. Ogden City is positioning itself as a recreation and tourism destination, with most recreational opportunities occurring on the National Forest. Like other Wasatch Front communities, Ogden and other municipalities in the RMP planning area are dependent on recreational access to the National Forest to promote themselves as "lifestyle" communities as well as recreation destinations. Management challenges mentioned include obtaining permits for events on national Forest lands, and obtaining guiding and outfitting permits for use of National Forest lands.



WILDLIFE RESOURCES

The shoreline of Great Salt Lake contains large areas of wetlands and riparian areas that provide significant habitat for a variety of wildlife species. Within the RMP planning area, approximately 10,000 acres are within the Bear River Migratory Bird Refuge managed by the U.S. Fish and Wildlife Service primarily for the protection of migratory birds that pass through the wetlands of Great Salt Lake each year. There are also approximately 71,000 acres of State of Utah owned lands in the planning area, which include the Harold Crane State Wildlife Management Area (2,629 acres) and the bed of Great Salt Lake. The existing wildlife and waterfowl management areas are zoned S-1 and remain unchanged. Management plans for wildlife management areas are reviewed by the Resource Advisory Council, which makes recommendations to jurisdictional agencies regarding wildlife management plans.

The Uinta-Wasatch-Cache National Forest Management Plan provides the following with regard to wildlife management on the national Forest:

"Maintenance of the broad scale, regionally significant north-south wildlife corridor in this Management Area with connections to the north and southeast will be a priority in all management decisions. Big game winter ranges (generally below 7,000 feet) that occur along the entire western boundary of the Management Area and abutting Ogden Valley will be protected and enhanced, recognizing these become more valuable and important as urban encroachment continues into previously undeveloped areas.

Browse species age classes here will be maintained with a higher proportion of older age classes than in other areas to provide browse above the snow. Big game use will be monitored in cooperation with the Utah Division of Wildlife Resources to ensure population management prevents habitat deterioration."





American White Pelicans Source: David Lewis courtesy of Utah Division of Wildlife Resources

Mule Deer

Source: Mike Keller courtesy of Utah Division of Wildlife Resources

With regard to aquatic resources, the Forest Management Plan provides:

"Trout Habitat- Aquatic habitats in Wheeler Creek, South Fork Ogden River, and Ogden River will be managed to maintain cool, clear water and well-vegetated stream banks for cover and bank protection. Instream cover, in the form of deep pools and structures such as boulders and logs, will be maintained and their value recognized. Water temperature will be preserved through well-vegetated banks."

SOCIO-ECONOMIC RESOURCES

This section addresses cultural, historical, geological and paleontological resources; law enforcement; economic considerations; and air quality.

CULTURAL, HISTORICAL, GEOLOGICAL AND PALEONTOLOGICAL RESOURCES

A large number of prehistoric occupation sites have been identified along the shoreline of Great Salt Lake. In the shoreline adjacent to the Bear River marshes, a number of burials of prehistoric human burials have also been



Great Salt Lake
Source: Home Stacks



identified. Although there has been a great deal of historic activity around the Lake, beginning with fur trappers who passed by and utilization of the Lake's resources by area pioneers, there is little in the way of historic structures or sites in the Lakeside RMP planning area. State and Federal law require the protection of prehistoric and historic cultural resources and Native American human remains.

The Heritage Resources section of the Uinta-Wasatch-Cache National Forest Management Plan in the Mountainside RMP planning area provides:

"Inventory efforts will continue to document the American Indian sites as well as the early European settlement of the area. Through potential partnerships with the Utah State University and Weber State University, high altitude archaeology investigations along the Wasatch Front will be emphasized."

Maps and publications regarding the geologic resources and geologic hazards of the RMP planning area are available on the website of the Utah Geological Survey at geology.utah. gov. The 2013 Great Salt Lake Comprehensive Management Plan also provides information on geologic hazards along the shoreline of Great Salt Lake.

LAW ENFORCEMENT

General law-enforcement in the RMP planning area is provided by the Weber County Sheriff's Office. Conservation officers with the Utah Division of Wildlife Resources provide patrol and enforcement services in the RMP area's wildlife management areas. The use of the

National Forest in the RMP Mountainside area is limited in scope. However, officers and special agents with the U.S. Forest Service are cross-deputized as Weber County Deputies by the Sheriff. When taking enforcement actions relevant to Utah State law, Forest Service law enforcement officers are permitted to do so under the direction and in cooperation with the Weber County Sheriff. They may also enforce federal law as necessary and appropriate. This partnership has resulted in good communication and coordination among law enforcement agencies in the RMP planning area.

ECONOMIC CONSIDERATIONS

Weber County's economy is based on natural resources, business development, and recreational and tourist attractions. In 2012, Weber County as a whole had 117,415 acres of farmland, which produced \$39,872,000 in sales. In 2009 agriculture is estimated to have contributed \$83.7 million dollars in economic activity for the County as a whole. The main crops produced in Weber County are alfalfa, grain, corn silage, and pasture. Weber County's forests and mineral deposits have allowed diversification of its economy. In 2013 the mining industry produced \$3,034,101 in sales revenues, primarily from salt production in the Lakeside RMP area.

Recreation is also an important contributor to economic activity in the RMP study area. Visit Ogden, the non-profit visitor and tourism organization, promotes visitation to Ogden and Weber County by highlighting events, sights and recreational opportunities, among other attractions.

AIR OUALITY

The Clean Air Act Amendments of 1990 established three designations for areas based on how ambient air quality conditions compare to the National Ambient Air Quality Standards (NAAQS): non-attainment areas, maintenance areas, and attainment areas. Attainment (nonattainment) areas are those with air quality better (worse) than the NAAQS. If an area is designated non-attainment, the relevant air quality management agency must create and implement a plan to reduce emissions in order to reduce concentrations below the NAAOS. The air quality management agency must maintain the plan used to meet the NAAQS and prepare a maintenance plan to keep the air clean for the next 20+ years. A maintenance area is one which was in non-attainment but reduced emissions sufficiently to meet the NAAQS. It must maintain those rules/actions that reduced emissions for a period of 10 years.

The RMP planning area in Weber County is a non-attainment area for large particulate matter (PM10) and fine particulate matter (PM2.5). Requests have been submitted to the EPA to change Ogden City to maintenance for PM10. Plans for meeting and continuing

to meet the NAAQS in these areas are found at the Utah Department of Air Quality (DAQ) website. These plans provide relevant background, pollutant sources, and the selected control measures for each non-attainment case.

The Clean Air Act and its amendments place control of local air quality at the state level with federal oversight, provided certain criteria are met, and require state and local ambient air quality standards be equal to or lower in concentration than the NAAQS. State of Utah laws and rules regarding air quality set the state standards equal to the NAAQS. The local air quality management agency for Weber County is the Utah DAQ. Rules and policies pertaining to air quality activities and plans to achieve NAAQS attainment are set by the Utah Air Quality Board. The DAQ conducts statewide air quality monitoring and research, air emissions permitting and compliance monitoring, air quality compliance planning activities, and public education, outreach, and support programs. The DAQ also supports the Air Quality Board in fulfilling its purposes.



CHAPTER 3

GOALS, POLICIES AND IMPLEMENTATION

LAND RESOURCES

LAND USE AND LAND ACCESS

Lakeside RMP Area Findings:

Weber County's goals for land use and land access are to pursue land management and access strategies that support the Vision articulated in the 2003 West Central Weber County General Plan (Attachment A to this RMP), which provides:

- "West Central Weber County is a place that:
- Values and protects its rural character, lifestyle, and atmosphere.
- Manages growth to strike a balance between preservation and development.
- Provides the necessary and desired community services to assure a high standard-of-living to its residents.
- Encourages safe, efficient, and varied transportation systems.
- Maintains a community that is safe from environmental hazard and criminal activity."

The 2003 West Central Weber County General Plan identifies goals and policies for future land uses in the Lakeside RMP area to address residential uses, commercial uses, manufacturing, agriculture, wildlife/waterfowl management areas, schools and parks.

Lakeside RMP Area Objectives and Policies:

Policy: Land Use

Policies and implementation strategies for each land use are reported in the West Central

Weber County General Plan. The focus of the policies and implementation is on privately-owned lands, although the management of State-owned wildlife/waterfowl management areas remain zoned S-1 - Shorelines.

Implementation:

Weber County will pursue the management objectives of the West Central Weber County General Plan, including the objectives of the Shorelines zone to promote land for agriculture, wildlife and recreation uses; conserve water and other natural resources; reduce flood and fire hazards and preserve open spaces and natural vegetation.

Policy: Access to State sovereign lands Weber County seeks to maintain access to State sovereign lands to support recreational and mining uses.

Implementation 1:

The County will continue to monitor and participate in future planning conducted by the State of Utah agency planning that relates to resources in the Lakeside RMP area through participation in UDWR Resource Advisory Councils, the Utah State Resource Development Coordinating Council and other interagency planning coordination entities.

Implementation 2:

The County desires a Western Weber trail loop that connects the Rail Trail to and through Ogden Bay. Weber County will work with the State to address waterfowl management concerns.

Mountainside RMP Area Findings:

The bulk of the private land in the Mountainside RMP area is currently zoned A-1, F-40, or RE-20. The land in the Uinta-Wasatch-Cache National Forest is zoned F-40 - Forestry. Weber County generally agrees with and supports the current management direction for National Forest lands as articulated in the 2003 Revised Wasatch-Cache National Forest Management Plan. Weber County also supports the access to National Forest lands provided for in the current Ogden District Motor Vehicle Use Map. See also additional discussion in the Forest Management and Recreation sections, below.

Mountainside RMP Area Objectives and Policies:

Policy: Private Lands

For private lands, Weber County's management goals are reflected in the zoning ordinance. Implementation:

The County will continue to pursue the objectives of the zoning ordinance, subject to revisions pursuant to updated planning.

Policy: Forest Lands

Weber County seeks to maintain access to National Forest lands in the Mountainside RMP area to support recreational uses and access water rights points of diversion and conveyance works.

Implementation 1:

The County will continue to monitor and participate in future planning conducted by the U.S. Forest Service and interagency planning coordination entities.

Implementation 2:

Weber County supports the current limitations of vehicle access to the forest service area.

AGRICULTURE, LIVESTOCK, GRAZING, IRRIGATION AND PREDATOR CONTROL

Findings:

The 2003 West Central Weber County General Plan emphasizes the importance of agriculture, livestock, grazing and irrigation infrastructure and supporting activities in western Weber County. Although agricultural lands in the Lakeside RMP area are being converted for residential and other uses over time, agriculture remains an important economic activity and contributes to the rural character of much of the planning area.

In 2013, the Weber Conservation District published the Weber County Resource Assessment that identifies agricultural land preservation and sustainability as one of five priorities for the District. The Resource Assessment contains recommendations for implementation steps toward those ends. The Resource Assessment also identifies the importance of maintaining irrigation infrastructure in protecting agricultural operations.

Objectives and Policies:

Agricultural protection policies carried forward from the West Central Weber County



General Plan, and added recommended implementation steps, include:

Policy: Agricultural Protection
Support the use of special designations to protect agricultural operations
Implementation:

Existing agricultural preservation areas should be retained as they currently exist. Encourage property owners who are engaged in agricultural production and business to expand agricultural protection areas whenever possible, and encourage additional property owners to commit their property to agricultural protection.

Policy: Agricultural Preservation
Encourage farmers to sell development
density to developers interested in developing
at higher densities near developing sewer
infrastructure.

Implementation:

Work with property owners and Utah Open Lands, The Nature Conservancy, or other conservation organization toward obtaining conservation easements or other agreements that permanently preserve agricultural lands into active production.

Additional agricultural, livestock, grazing and irrigation resource management objectives and policies include:

Policy: Irrigation Infrastructure
Ensure continued access to, and protection
of, points of diversion, irrigation canals,
headgates, storage and other irrigation
infrastructure on both private and public lands.
Implementation: review development
proposals and land management plans to
ensure that appropriate access is provided to

points of diversion and conveyance works, and that existing irrigation infrastructure is protected from damage or obstruction as development continues in the RMP area.

Policy: Predator Control
Support and expand the continuation of the
State's predator control program.

Implementation:

upport current coyote control programs, and work with the Division of Wildlife Resources to expand predator control efforts to include skunks, raccoons and other similar predators in agricultural areas.

Policy: Agri-tourism
Support agri-tourism as a means for agricultural operators to diversify their operations and effectively utilize smaller parcels of agricultural land.

MINING, MINERAL RESOURCES AND ENERGY RESOURCES

Findings:

The current salt mining operations on State sovereign lands at Great Salt Lake provide a significant economic benefit to Weber County. Local gravel mining provides a local source of construction materials and reduces the lengths of haul routes. Non-renewable energy resources, such as solar and wind power, have potential for private or small-scale commercial uses.

Objectives and Policies:

Policy: Mining

Weber County supports the continuation of mining operations in the County in a manner

that minimizes adverse impacts and preserves the rural character of the planning area

Implementation 1:

Weber County will continue to work cooperatively with the Utah Division of Forestry, Fire and State Lands to ensure continuation of mining operations in a manner that protects the wildlife, recreational, cultural and other resources of Great Salt Lake.

Implementation 2:

As the County updates its general plans, it will provide for opportunities for gravel and rock aggregate mining in appropriate areas and with appropriate operational conditions. Amend existing zoning regulations to restrict mining operations to a specific mining zone. Require mining operations to petition the County for a zone change prior to initiation of the operation. Consider requiring a development agreement for large scale mining activities prior to formal rezoning.

Policy: Energy Resources

Support the development of renewable energy resources, such as solar, wind power, and geothermal energy for private or small-scale commercial uses.

FIRE MANAGEMENT AND NOXIOUS WEEDS

Fire Management Findings:

Fire management is a critical governmental function. From the Weber County WFRC website:

"Response to fire incidents relies on proper oversight, guidance, and partnership among a variety of trained professional organizations. Establishing a fire management system is a critical step in protecting communities both urban and rural."

Fire Management Objectives and Policies:

Policy: Cooperative Fire Management Effective fire management across jurisdictions in Weber County requires inter-agency cooperation.

Implementation 1:

Weber County will continue to work cooperatively with the Utah Division of Forestry, Fire, and State Lands and the U.S. Forest Service to implement the Comprehensive Statewide Wildland Fire Prevention, Preparedness, and Suppression policy known as SB-56.

Implementation 2:

Educate the public regarding life safety, including fire prevention and fire codes.

Implementation 3:

Provide education about the Utah Wildland Urban Interface Code. Refine the Wildland Urban Interface in Ogden Valley and amend development ordinances to require notice of proximity to the interface.



Implementation 4:

Provide education on fire-wise planning, including building materials and landscaping.

Implementation 5:

Evaluate effects of current ordinances as they relate to fire access and the allowance of development on terminal street systems.

Implementation 6:

Ensure that all development has adequate fire flow and fire flow storage.

Weed Control Findings:

Effective prevention of the introduction and the spread of noxious weeds is a high priority for Weber County. From the 2013 NRCS Weber County Resource Assessment (Attachment B): "They negatively affect agricultural lands, forests, nature preserves, stream banks, private lands, and parks. If left unmanaged, weeds can quickly dominate a land-scape and crowd out native plants, thus reducing forage for animals and increasing the risk of wildfire."

Weed Control Objectives and Policies:

Policy: Cooperative Weed Control
Effective weed control across jurisdictions
in Weber County requires inter-agency
cooperation.

Implementation:

The local weed control program for the RMP planning area is the Weber County Weed Department. The County will continue to work cooperatively with the U.S. Forest Service, the Utah Association of Conservation Districts (UACD) and the federal NRCS to implement the initiatives outlined in the NRCS Weber County Resource Assessment (2013).

FOREST MANAGEMENT

As described above, the forest resources in the Mountainside RMP area are managed primarily pursuant to the terms of the 2003 Revised Wasatch-Cache National Forest Management Plan. The Forest Plan addresses the multipleuses of forest lands, which uses are described in more detail under each resource heading in this RMP. Overall, Weber County plans to continue to work cooperatively with the U.S Forest Service in both its planning and administrative activities to ensure that forest management is appropriately supporting Weber County goals.

WATER RESOURCES

WATER RIGHTS

Findings:

The protection of water rights and the ability to access authorized points of diversion and water conveyance works are critical to the sustainability of the County.

Objectives and Policies:

Policy: Water Rights

The transfer and use of water rights in Weber County must be in accordance with State law and administrative rules.

Implementation:

Weber County will continue to monitor water rights applications filed in the RMP planning area to ensure water rights are managed in accordance with State law and the rules of the Utah State Engineer.

Policy: Points of Diversion and Water Infrastructure

Water rights points of diversion and authorized water storage, conveyance and measuring infrastructure must be accessible to approved water users.

Implementation:

Weber County will conduct planning and development review, and will monitor the planning and development review of other nearby jurisdictions, to ensure continued access to and maintenance of authorized water infrastructure.

WATER QUALITY AND HYDROLOGY

Findings:

Surface and groundwater quality in the RMP planning area is good, and is currently meeting the County's needs for culinary, industrial, fisheries, irrigation and other uses.

Objectives and Policies:

Policy: Water Quality

Weber County will work to protect surface and groundwater quality

Implementation:

A setback policy desribed in the 2003 West Central Weber County General Plan relating to flood plains and river terraces (below) could provide beneficial surface water quality impacts.

Policy: Water Supply

Weber County will ensure adequate water supply for culinary, industrial, fisheries, irrigation and other uses.

Implementation:

Weber County will continue to work with

the Weber Basin Water Conservancy District (WBWCD), and other water service providers in the RMP planning area, to ensure adequate supplies of primary and secondary water to meet the County's needs.

FLOOD PLAINS AND RIVER TERRACES

Findings:

Weber County land development ordinances provide for protection for river corridors and riparian areas.

Objectives and Policies:

A policy and implementation action carried forward from the West Central Weber County General Plan provides:

Policy: Weber River Floodplain Setback
The Weber River floodplain, wetland areas associated with the meander corridor, and streamside vegetation should be protected from development. A setback from the high water line on either side of the river could provide protections to hydrologic and riparian function. As development occurs, public trails for bicycles, pedestrians, and horses may be provided within the setback and with property owner approval, and if properties are purchased or donated, parks and open spaces can be developed for recreational and educational purposes.

Implementation:

Require site analysis for all development within 100 feet of the water line of the Weber River to determine whether additional protections of hydrologic and riparian function should be provided.



RECREATION RESOURCES

Findings:

As described above, Ogden City is positioning itself as a recreation and tourism destination, with most recreational opportunities occurring on the Uintah-Wasatch Cache National Forest. Like other Wasatch Front communities, Ogden and other municipalities in the Mountainside RMP area are dependent on recreational access to the National Forest to promote themselves as "lifestyle" communities as well as recreation destinations.

Stakeholders have expressed concerns with the complexity and amount of time it takes to secure authorizations for recreational uses such as guided hunting, skiing, and mountainbiking; and staging sporting events, such as back-country skiing and running races, on the National Forest.

Objectives and Policies:

Policy: National Forest Recreation Management Weber County supports simplifying and streamlining the Forest Service permitting processes for guiding, recreational competitions and similar activities on the National Forest.

Implementation:

Weber County will monitor National Forest planning and rule-making as it pertains to recreational access to see if the authorization system can be simplified and/or expedited on National Forest lands.

Policy: Private Recreation Opportunities
Weber County supports the development and operation of recreational facilities on both private and public lands.

Implementation:

Weber County will work with private owners in Malan's Basin and other areas within and adjacent to National Forest Lands to provide recreational opportunities and maintain access to National Forest System lands.

Policies and implementation actions from the 2003 West Central Weber County General Plan include:

Policy: Parks

As development occurs in the West Central Weber County area, new public parks will be needed and should be planned, and generally located adjacent to new schools.

Implementation:

Work with Weber School District to locate additional public parks adjacent to schools, and negotiate joint management and maintenance agreements for shared facilities.

Implementation:

Encourage park districts to expand their service areas and develop additional public parks to meet the park and recreation service needs of new development.

Policy: Off-street Bicycle and Pedestrian Paths
Trails are highly desired amenities for
communities. As primary roads are improved,
separated bicycle and pedestrian trails should
be included. The community is rural and
does not have sidewalks, so it is important
to provide safe paths for children going to
and from school, and for the enjoyment of
residents and the many others who bicycle and
walk in the area.

Implementation:

Work with Weber Pathways Committee, UDOT, property owners, local transportation agencies, and others affected to identify an alignment for trails and to secure funding for trails development. Coordinate with adjacent communities and their trail development plans. Typical separated multi-purpose, paved and un-paved trail cross-sections follow.

WILDLIFE RESOURCES

Findings:

Wildlife and fisheries in the RMP planning areas are managed by the Utah Division of Wildlife Resources and by the U.S. Forest Service pursuant to the Uinta-Wasatch-Cache National Forest Management Plan.

Objectives and Policies:

Policy: Wildlife Management
Weber County supports the wildlife
management activities of the jurisdictional
agencies, and believes they generally support
the County's objectives.

Implementation:

Weber County will continue to work cooperatively with the Utah Division of Wildlife Resources to protect and provide appropriate access to, the wildlife resources of Great Salt Lake and its environs. For the Mountainside RMP area, Weber County will continue work cooperatively with the U.S. Forest Service to protect and provide appropriate access to, the wildlife resources of the National Forest.

Policies and implementation actions from the 2003 West Central Weber County General Plan that would apply to the Lakeside RMP area include:

Policy: Wildlife/Waterfowl Management Areas
The existing wildlife and waterfowl

management areas should remain zoned S-1, Shorelines.

Policy: Sensitive Area Management Planning Weber County should begin working with the Corps of Engineers and other local governmental agencies to fund a wetland delineation study, which could be combined with a Sensitive Area Management Plan (SAMP) and a shoreline protection plan. The SAMP engages government agencies, property owners, and local planning staff in the development of a management plan that treats property owners equitably, resolves critical issues, and at the same time protects valuable natural resources. Options that resolve property owner concerns with resource agency concerns will need to be addressed in the near future.

Implementation:

As sensitive lands are identified and determined to be inappropriate for development, the land should be zoned as Open Space O-1 as per Chapter 22E of the Weber County Zoning Ordinance.



SOCIO-ECONOMIC RESOURCES

Cultural, Historical, Geological and Paleontological Resources

Weber County will continue to support inventory efforts by the U.S. Forest Service and State agencies to document American Indian sites as well as the early European settlement of the area.

LAW ENFORCEMENT

Weber County will continue to support effective coordination and cooperation among the federal, state and local law enforcement agencies in the RMP planning area.

ECONOMIC CONSIDERATIONS

Weber County will continue to support agriculture, mining, tourism and recreation as important components of the County's economy.

AIR OUALITY

Weber County will continue to support the Utah Department of Air Quality implementation plans for meeting and continuing to meet the NAAQS in the RMP planning area. These plans provide relevant background, pollutant sources, and the selected control measures for each nonattainment case.

WFRC Natural and Other Resources

Resources for County Resource Management Plans

Weber County



Weber County Priorities

For data gathering purposes the County identified these priorities:

- 1. Recreation and Tourism
- 2. Water Quality and Hydrology
- 3. Water Rights
- 4. Land Use
- 5. Agriculture



WFRC Plan Review Matrix - Related to Weber County

Goals, policies, and guidelines from plans and studies that pertain to the county and are related to the resources required for County Resource Management Plans are shown below. Visit the <u>WFRC page</u> for similar information for the entire region.

					Search:				
Resource Category	\$	Subcategory	\$	Goals and Policies	\$	Plan	\$	Page	\$
Fire		Ecology		Increase the active use of fire		Revised		4-21	
Management				to return fire dependent		Forest Plan			
				ecosystems to proper		Wasatch-			
				functioning and to reduce		Cache			
				hazardous fuels.		National			
						Forest			

Fire	Ecology	Provide for sustained	Revised	4-18
Management		diversity of species at the	Forest Plan	
		genetic, populations,	Wasatch-	
		community and ecosystem	Cache	
		levels. Maintain communities	National	
		within their historic range of	Forest	
		variation that sustains		
		habitats for viable		
		populations of species.		
		Restore or maintain		
		hydrologic functions. Reduce		
		potential for uncharacteristic		
		high-intensity wildfires, and		
		insect epidemics. To achieve		
		sustainable ecosystems,		
		meet properly functioning		
		condition (PFC) criteria for all		
		vegetation types that occur		
		in the Wasatch-Cache		
		National Forest. Focus on		
		approximating natural		
		disturbances and processes		
		by restoring composition,		
		age class diversity, patch		
		sizes, and patterns for all		
		vegetation types.		
Fire	Ecology	Reduce hazardous fuels	Revised	4-21
Management		(prescribed fire, silvicultural	Forest Plan	
O		and mechanical treatments)	Wasatch-	
		with emphasis on interface	Cache	
		communities	National	
		(wildland/urban) and	Forest	
		increase proactive		
		participation of communities		
		at risk.		

Fire Management	Ecology	Restore or maintain fire- adapted ecosystems (consistent with land uses, historic fire regimes, and other Forest Plan direction) through wildland fire use, prescribed fire, timber harvest or mechanical treatments.	Revised Forest Plan Wasatch- Cache National Forest	4-19
Fire Management	Ecology	Take timely actions to restore proper functioning of ecosystems after wildfire.	Revised Forest Plan Wasatch- Cache National Forest	4-21
Fire Management	Ecology	Fire is returned to habitats from which it had been unnaturally excluded, the ?re regime (frequency and intensity) in these habitats generally approximates a natural, pre-settlement regime.	Utah Wildlife Action Plan	190
Fire Management	Ecology	Inappropriate Fire Frequency and Intensity - Fire is excluded from habitats in which potential burns now would be frequent, large, and destructive to soils and native vegetation to the habitats are being actively managed (treated) to reduce components or factors that promote risk of catastrophic ?re, such as cheatgrass, excessive conifer encroachment, or unnaturally large stands of	Utah Wildlife Action Plan	188

,		ber County WFRC Natural and Other Resources AN REVIEW MATRIX PREPARED BY WASATO	CH FRONT REGION/	AL COUNCIL
Air Quality	Great Salt Lake	Reduce fugitive dust	GSL CMP	3-9
		emissions from exposed lake		
		beds.		
		1) Coordinate with DSPR and		
		DWR to manage illegal motor		
		vehicle traffic on dirt roads		
		around the lake and		
		on the exposed lake beds.		
Air Quality	Great Salt Lake	Promote compliance with	GSL CMP	3-9
		emissions standards for		
		industries that use GSL		
		resources.		
		1) Coordinate with DAQ to		
		evaluate emissions of all		
		criteria pollutants associate		
		with proposed projects and		
		work with DAQ to identify		
		appropriate mitigation		
		strategies to offset major		
		emissions.		
		2) Coordinate with DAQ to		
		evaluate whether industries		
		with FFSL leases meet DAQ		

emission standards.

Cultural	Great Salt Lake	Minimize impacts to the	GSL CMP	3-21
Resources		scenic values of GSL.		
		1) Consider visual impacts of		
		a proposed project on the		
		visual character of GSL when		
		considering new		
		actions.		
		2) Consider how additional		
		lighting from a proposed		
		project would impact GSL		
		resources and visitor		
		experience.		
		3) When considering a		
		proposed project, identify		
		strategies to mitigate		
		impacts from surface-		
		disturbing		
		activities as appropriate.		
		4)Coordinate with local cities,		
		counties, and other		
		landowners to minimize		
		impacts to visual resources		
		outside of the meander line,		
		but within the GSL viewshed.		

Cultural	Great Salt Lake	Recognize the importance of	GSL CMP	3-25
Resources		cultural resource protection		
		on sovereign lands.		
	1) Support SHPO on the			
	management of known			
		cultural resource sites on		
		sovereign lands.		
	2) Consider how future			
		projects using state funds		
		would affect historic		
		properties, according to		
		UTAH CODE ? 8-8-404.		
		3) Adhere to UTAH CODE ? 9-		
		9-402 and UTAH ADMIN.		
		CODE R230-1 regarding the		
		discovery of human		
		remains on sovereign lands.		
		4) Consult with SHPO		
		regarding how future		
		proposed uses may impact		
		cultural resource sites, as		
		needed.ize the importance of		
		cultural resource protection		
		on sovereign lands.		

Cultural	Great Salt Lake	Recognize the importance of	GSL CMP	3-25
Resources		paleontological resource		
		protection on sovereign		
		lands.		
		1) Support UGS on the		
		management of known fossil		
		locations on sovereign lands.		
		2) Consider how future		
		projects using state funds		
		would affect paleontological		
		resources, according to		
		UTAH		
		CODE ? 79-3-508.		
		3) Consult with UGS		
		regarding how future		
		proposed uses may impact		
		paleontological resources, as		
		needed.		

Economic	Allow for commercial and	GSL CMP	3-26
Considerations	industrial uses while		
	protecting and sustaining		
	long-term health of GSL		
	resources.		
	1) Authorize mineral		
	extraction and oil, gas, and		
	hydrocarbon development,		
	brine shrimp harvesting, and		
	aquaculture under multiple-		
	use, sustained yield		
	principles under UTAH CODE		
	? 65A-2-1.		
	2) Coordinate with USACE,		
	DAQ, DWQ, DWRi, and		
	DOGM to evaluate resource		
	impacts of a proposed use		
	and identify necessary		
	permits.		
	3) Consult with DWRe, DWR,		
	local cities, and counties to		
	minimize resource impacts		
	associated with permit		
	authorization.		
	4) Coordinate with resource		
	extraction industries on		
	potential mitigation		
	strategies as new		
	information		
	becomes available regarding		
	the industry?s impacts to		
	other GSL resources.		
	5) Coordinate with DWQ to		
	help ensure compliance with		
	Utah Water Quality Act		
	regulations (UTAH ADMIN.		
	CODE R317).		

conomic	Promote the development of	GSL CMP	3-26
Considerations	quantitative metrics to		
	determine the values of GSL		
	noncommodity resources.		
	1) Recognize the importance		
	of determining accurate		
	valuation of GSL?s resources		
	in coordination with UGS,		
	DSPR, Utah Office of		
	Tourism, DOGM, DWQ, DWR,		
	and cities and counties.		
	Specifically, resource		
	valuations could include		
	recreation (e.g., bird		
	watching, waterfowl hunting,		
	and boating), mineral		
	extraction, and oil, gas, and		
	hydrocarbon production.		

Energy	Great Salt Lake	Allow for new oil, gas, and	GSL CMP	3-18
Resources		hydrocarbon leasing		
		activities that are consistent		
		with the long-term		
		sustainability of GSL,		
		according to UTAH CODE?		
		65A-10-8.		
		1) Consider new leases		
		according to oil, gas, and		
		hydrocarbon leasing		
		categories and leasing		
		processes		
		outlined in the MLP.		
		2) Consider how proposed		
		oil, gas, and hydrocarbon		
		projects would impact GSL		
		resources through review of		
		site-specific analysis.		
		3) Coordinate with DOGM to		
		incorporate best		
		management practices in		
		new leases.		
		4) Coordinate with permitting		
		and management agencies		
		to determine the appropriate		
		level of involvement in		
		processes that consider		
		future oil, gas, and		
		hydrocarbon projects.		
		5) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE R317).		
Fisheries	Great Salt Lake	Recognize the importance	GSL CMP	3-12
		and support a range of		
		salinity levels that support		
		the brine shrimp population,		
		the associated food web, and		
		the brine shrimp harvesting		
		industry.		
		1) Coordinate with DWRi and		

UGS to evaluate how authorization of water rights applications would affect salinity of GSL at a range of lake levels.

- 2) Coordinate with DWR to evaluate impacts to brine shrimp populations at a range of lake levels when reviewing new permits/leases and permit/lease renewals.
- 3) Identify research opportunities with DWQ, DWR, and UGS for studying the effects of lake salinity levels and water quality on brine shrimp.
- 4) Coordinate with DWQ to help ensure compliance with Utah Water Quality Act regulations (UTAH ADMIN. CODE R317).
- 5) Continue to support DWQ? s efforts to monitor contaminants of concern in both brine shrimp and the water column.
- 6) Coordinate with DWQ to help ensure compliance with numeric criteria for pollutants of concern as they are established.
- 7) Coordinate with the managing, permitting, and intersecting entities to maintain ideal salinity levels for

brine shrimp resources.

8) Continue to partner with UGS to monitor salinity levels

		and DWR to monitor brine shrimp populations.		
Flood Plains	Great Salt Lake	Consider how changes in	GSL CMP	3-19
and River		land use above and below		
Terraces		the meander line could have		
		adverse impacts on GSL		
		resources and development.		
		1) Coordinate with		
		management agencies listed		
		above to understand how		
		proposed changes in land		
		use would impact GSL		
		resources and surrounding		
		communities.		
		2) Coordinate with local		
		cities, counties, and land		
		managers that have		
		jurisdiction of lands above		
		the meander line to help		
		ensure future development		
		would not have adverse		
		effect on GSL resources or		
		that GSL would have adverse		
		effects on future		
		development.		
		3) Support FEMA		
		determination* that		
		residential and commercial		
		development should not		
		occur below 4,217 feet; this		
		would be done to minimize		
		impacts to GSL resources		
		and infrastructure during		
		periods of high lake levels.		

and Access	Great Salt Lake	Dromoto the importance of	GSL CMP	3-23
Land Access	Great Sait Lake	Promote the importance of	GSL CIVIP	3-23
		access to GSL marinas from		
		land and open water.		
		1) Coordinate with and		
		support DSPR		
		to dredge channels, as		
		needed, to provide passages		
		for boats from existing		
		marinas.		
		2) Coordinate with DSPR to		
		sustain access to marinas		
		from land and open water.		
		3) Together with DSPR, DWR,		
		and local cities, counties, and		
		marina users, identify marina		
		access issues and concerns		
		at a range of lake levels and		
		support improvements for		
		access.		

and Access	Great Salt Lake	Protect GSL resources from	GSL CMP	3-28
		adverse impacts resulting		
		from transportation		
		infrastructure.		
		1) Consider how proposed		
		transportation projects		
		would impact GSL resources		
		through review of agencyled		
		analysis.		
		2) Coordinate with		
		responsible agencies to		
		determine the appropriate		
		level of involvement in		
		processes that consider		
		future transportation		
		projects.		
		3) Coordinate with DWQ to		
		address potential water		
		quality impacts associated		
		with runoff from		
		transportation projects,		
		which could affect the GSL		
		ecosystem.		
		4) Coordinate with USACE		
		and Union Pacific regarding a		
		potential increase in boat		
		access to the North Arm with		
		the future modification of		
		the Northern Railroad		
		Causeway.		

Land Access	Great Salt Lake	Minimize damage to	GSL CMP	3-28
		transportation infrastructure		
		from GSL.		
		1) Coordinate with		
		responsible agencies to		
		determine the appropriate		
		level of involvement in		
		processes that consider		
		impacts of future		
		transportation projects.		
		2) Participate in		
		transportation planning		
		efforts with UDOT, Wasatch		
		Front Regional Council, and		
		the Bear River Association of		
		Governments that promote		
		safe and effective		
		transportation routes that		
		minimize impacts to GSL		
		resources.		
		3) Encourage transportation		
		and residential and		
		commercial-related		
		infrastructure development		
		to occur above 4,217 feet		
		(FEMA 100-year floodplain).		

and Use	Great Salt Lake	Consider how changes in	GSL CMP	3-19
		land use above and below		
		the meander line could have		
		adverse impacts on GSL		
		resources and development.		
		1) Coordinate with		
		management agencies listed		
		above to understand how		
		proposed changes in land		
		use would impact GSL		
		resources and surrounding		
		communities.		
		2) Coordinate with local		
		cities, counties, and land		
		managers that have		
		jurisdiction of lands above		
		the meander line to help		
		ensure future development		
		would not have adverse		
		effect on GSL resources or		
		that GSL would have adverse		
		effects on future		
		development.		
		3) Support FEMA		
		determination* that		
		residential and commercial		
		development should not		
		occur below 4,217 feet; this		
		would be done to minimize		
		impacts to GSL resources		
		and infrastructure during		
		periods of high lake levels.		

Land Use	Great Salt Lake	Recognize how human	GSL CMP	3-20
		modifications to GSL impact		
		the GSL ecosystem.		
		1) Together with DWR, Davis		
		County, and Union Pacific,		
		evaluate the use of dikes,		
		berms, and dredging to		
		mitigate impacts of low lake		
		levels on industry and		
		ecosystems.		
		2) Support continued		
		research by all entities listed		
		above to understand the		
		impacts of human		
		modifications		
		on the GSL ecosystem due to		
		dikes and causeways.		
		3) Request site-specific		
		analysis assessments from		
		applicants that consider the		
		impacts of a proposed		
		causeway or dike on the GSL		
		ecosystem.		
		4) Consider how proposed		
		causeway projects and		
		mineral extraction projects		
		would impact GSL resources		
		through review of site-		
		specific analysis.		
		5) Coordinate with		
		responsible agencies and		
		entities to determine the		
		appropriate level of		
		involvement in		
		processes that consider		
		impacts of causeway		
		construction or modification		
		6) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE R317).		

and Use	Great Salt Lake	Recognize the potential	GSL CMP	3-21
		impacts of geologic		
		navigational hazards to		
		human health and safety.		
		1) Support and coordinate		
		with UGS on further		
		understanding of potential		
		adverse impacts of shifts in		
		tectonic tilt and how the		
		shifts could impact the		
		current slope of lake bed and		
		floodplain.		
		2) Support Division of		
		Emergency Management and		
		local city and county efforts		
		to prepare, recover from,		
		respond to, and mitigate		
		geologic hazards in and		
		around GSL.		
		3) Support and coordinate		
		with DSPR, UGS, and local		
		cities and counties to		
		develop educational material		
		and public notification tools		
		that disclose geologic		
		hazards.		
		4) Minimize the adverse		
		impacts of windblown ice on		
		lake monitoring structures		
		through support and		
		coordination with USGS,		
		UGS, and DWR.		
		5)Minimize the adverse		
		impacts of windblown ice on		
		other infrastructure through		
		support and coordination		
		with DSPR and UDOT.		

Land Use	Multiple Use, Sustained Yield	FFSL will manage GSL and its	GSL CMP	1-1
		resources under multipleuse,		
		sustained yield principles		
		(UTAH CODE ? 65A-2-1) by		
		implementing legislative		
		policies (UTAH CODE ? 65A-		
		10-8) and accommodating		
		public and private uses to		
		the extent that those policies		
		and uses do not substantially		
		impair Public Trust resources		
		or the lake?s sustainability.		
Land Use	Multiple Use, Sustained Yield	Uses at GSL include	GSL CMP	1-1
		preservation of the lake;		
		availability of brines to lake		
		extraction industries; wildlife		
		protection; protection of		
		recreational facilities; safe		
		boating; availability of		
		appropriate areas for		
		extraction of brine, minerals,		
		chemicals, and		
		petrochemicals to aid the		
		state?s economy;		
		maintenance and protection		
		of marshlands, rookeries,		
		and wildlife refuges; and		
		public access to the lake for		
		recreation, hunting, and		
		fishing (UTAH CODE ? 65A-		
		10-8).		
Land Use	Multiple Use, Sustained Yield	Protect and sustain GSL	GSL CMP	3-4
		resources while providing for		
		multiple uses.		
		1) Request site-specific		
		impact analyses, as deemed		
		appropriate by the FFSL		
		Division Director, for a		
		proposed project. Site-		
		specific analyses required by		
		other permitting agencies		

may provide FFSL within adequate level of project-specific analysis.

2) Consider the range of

- 2) Consider the range of ecosystem effects resulting from a proposed project (including cumulative effects) through consultation with all management and intersecting agencies listed above.
- 3) Consider and evaluate the cumulative impacts of past, present, and reasonably foreseeable future projects on the GSL ecosystem through consultation with all agencies listed above.
 4) When appropriate, upon
- receipt of a proposed project, identify mitigation efforts in cooperation with all management and intersecting agencies listed above to reduce impacts to and/or benefit the GSL ecosystem.
- 5) Coordinate with DWQ to promote compliance with Utah Water Quality Act regulations (UTAH ADMIN. CODE R317).

Law	Protect GSL resources from	GSL CMP	3-23
Enforcement	impacts resulting from OHV		
	trespassing.		
	1) Together with the BLM,		
	DSPR, and DWR, identify		
	areas where OHV trespassing		
	is a problem and develop		
	methods to prohibit illegal		
	access.		
	2) Coordinate with industry		
	groups and landowners on		
	the authorized locations of		
	OHV use on private land		
	around GSL.		
	3) Coordinate with		
	intersecting agencies to		
	develop educational material		
	and enforcement strategies		
	that		
	would discourage OHV users		
	from trespassing.		
Law	Protect GSL resources from	GSL CMP	3-30
Enforcement	adverse impacts resulting		
	from OHV trespassing.		
	1) Identify areas where OHV		
	trespassing is a problem;		
	coordinate and develop		
	methods to prevent illegal		
	access.		
	2) Coordinate with BLM,		
	DSPR, DWR, HAFB, and		
	adjacent county sheriff		
	departments to develop		
	enforcement strategies that		
	would discourage OHV users		
	Would discoulage OffV disers		

aw	Recognize the importance of	GSL CMP	3-30
Enforcement	search-and-rescue access.		
	1) Coordinate with DSPR and		
	UGS regarding the		
	identification of bioherms		
	that could cause navigational		
	hazards.		
	2) Support DSPR and		
	counties? sheriff?s		
	departments (search-and-		
	rescue teams) in facilitating		
	rescues.		
	3) Coordinate with search-		
	and-rescue entities to		
	identify areas or		
	infrastructure within the lake		
	that have lake level access		
	constraints, including		
	marinas, and identify how to		
	operate safely around		
	constraints.		

Livestock and		Provide grazing	GSL CMP	3-27
Grazing		opportunities that promote		
		the long-term health of GSL		
		land available for grazing.		
		1) Coordinate with DWQ,		
		Utah Department of		
		Agriculture and Food, and		
		Natural Resources		
		Conservation		
		Service to encourage and		
		support best management		
		practices.		
		2) Manage grazing		
		opportunities and potential		
		conflicts of grazing with		
		other GSL resources.		
		3) Allow grazing that helps		
		reduce growth and spread of		
		noxious weeds (e.g.,		
		Phragmites sp.).		
		4) Promote research and		
		methods to yield sustainable		
		foraging habitat.		
		5) Coordinate with DWR to		
		evaluate the impacts to		
		wildlife, including nesting		
		bird habitat, associated with		
		proposed grazing.		
Mineral	Great Salt Lake	Allow for new mineral leasing	GSL CMP	3-17
Resources		activities that are consistent		
		with the long-term		
		sustainability of GSL,		
		according to UTAH CODE?		
		65A-10-8(b).		
		1) New leases subject to		
		suspended or modified		
		operation when the lake is		
		trending down and reaches		
		4,193* feet in October.		
		Note: existing leases and		
		permits may not be subject		
		permits may not be subject		

New leases and permits? may not be authorized if the lake is at 4,193 feet or lower (UTAH CODE 65A-6-5[1]). 2) Follow guidance for mineral leasing process outlined in the MLP. 3) Include a term in new and renewal leases stating that operations may be suspended or modified if the lake level reaches 4,193 feet on October 15. 4) Consider new leasing activities in areas determined to have potential for leasing, as specified by the mineral leasing categories in the MLP. 5) Consider how proposed mineral extraction projects would affect GSL resources through review of sitespecific analysis. Site-specific analyses required by other permitting agencies may provide FFSL with an adequate level of project-specific analysis. 6) Coordinate with permitting and management agencies to determine the appropriate level of involvement in processes that consider impacts of future mineral extraction projects. 7) Coordinate with permitting and intersecting agencies to identify effective lease

stipulations and/or

		mitigation		
		strategies.		
		8) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE		
		R317)		
Mineral	Great Salt Lake	Manage at extremely high	GSL CMP	3-5
Resources		and low lake levels to reduce		
		impacts to ecosystems,		
		industry, and infrastructure.		
		1) Support DWRe pumping		
		activities when the lake		
		reaches 4,208 feet to		
		mitigate impacts to GSL		
		resources.		
		2) Coordinate with industry		
		to monitor and maintain		
		breach near Strong?s Knob		
		to facilitate pumping.		
		3) New leases subject to		
		suspended operation when		
		the lake is trending down		
		and reaches 4,193* feet in		
		October. Note: existing		
		operators may not besubject		
		to this management strategy.		
		4) New leases and permits		
		may not be authorized if the		
		lake is at 4,193 feet or less		
		(UTAH CODE 65A-6-5[1])		
Mineral	Great Salt Lake	Include a term in new and	GSL CMP	3-5
Resources		renewal leases stating that		
		operations may be		
		suspended or modified if the		
		lake level reaches 4,193 feet		
		on October 15.		

Mineral	Great Salt Lake	Recognize and better	GSL CMP	3-16
Resources		understand the effects of		
		mineral extraction on GSL		
		salt balance.		
		1) Consider how the salt		
		balance		
		would be impacted at low		
		lake levels when issuing new		
		leases in coordination with		
		DOGM, DWRe, and UGS.		
		2) Promote research efforts		
		by USGS and UGS to quantify		
		GSL salt inflow and outflow.		
		3) Encourage research to		
		understand sustainable		
		levels of mineral extraction		
		for GSL.		
		4) Encourage salt balance		
		modeling analysis for new		
		mineral leasing proposals, as		
		appropriate.		

Noxious	Target and treat invasive	GSL CMP	3-8
Weeds	weed species (especially		
	Phragmites) and eradicate		
	colonizing invasive species in		
	GSL wetlands.		
	1) Identify concentrations		
	and dispersal vectors for		
	Phragmites during receding		
	lake levels.		
	2) Coordinate with DWR,		
	USFWS, local cities and		
	counties, and other		
	landowners or managers		
	adjacent to GSL on weed		
	control and removal		
	programs.		
	3) Develop annual weed		
	management objectives and		
	facilitate their		
	implementation.		
	4) Aggressively eradicate		
	colonizing invasive plant		
	species. Eradication efforts		
	should focus on areas where		
	there are high-quality and/or		
	numerous resource values		
	(e.g., wetlands and		
	recreation opportunities).		

Predator		Recognize the need to	GSL CMP	3-16
Control		maintain the isolation of		
		nesting and breeding		
		habitats for bird species of		
		regional/global importance.		
		1) Coordinate with DWR and		
		USFWS to determine effects		
		of permitting action on		
		rookeries.		
		2) Coordinate with DWR to		
		implement activities that		
		protect rookery habitat.		
		3) Coordinate with DOGM to		
		help ensure compliance with		
		permitting rules that pertain		
		to bird habitat.		
		4) Consider the impact of		
		recreational activities		
		(hunting and boating) on		
		island rookeries and		
		coordinate		
		with DWR to minimize		
		impacts to bird habitat.		
Recreation	Interpretation/education	Protect recreation users	GSL CMP	3-24
and Tourism		from navigational hazards on		
		GSL.		
		1) Support and coordinate		
		with DSPR, DWR, UGS, and		
		USGS to develop educational		
		materials and public		
		notification tools that		
		disclose navigational		
		hazards.		

Recreation	User groups	Recognize the importance of	GSL CMP	3-24
nd Tourism		bird watching and waterfowl		
		hunting and primary contact		
		(e.g., swimming) and		
		secondary contact (e.g.,		
		boating, paddle boarding)		
		recreation as multiple-use		
		components of GSL		
		resources.		
		1) Support and coordinate		
		with DSPR, DWR, DWQ,		
		USFWS, and local cities and		
		counties to provide for high-		
		quality recreation		
		opportunities, including bird		
		watching and waterfowl		
		hunting opportunities and		
		safe		
		primary and secondary		
		contact recreation		
		opportunities.		
		2) Consider how		
		management actions impact		
		high-quality recreation		
		opportunities at varying lake		
		levels.		
		3) Consider the impact of		
		invasive species (e.g.,		
		Phragmites) on boating		
		opportunities.		
		4) Maintain water quality		
		sufficient to protect the		
		recreation beneficial uses		
		designated to GSL.		
		5) Identify areas where		
		recreation opportunities may		
		be impacted by other uses.		

Water Quality	Aquatic ecology	Understand the components	GSL CMP	3-3
and Hydrology		and linkages that define a		
		sustainable GSL ecosystem.		
		1) Support agency		
		management and permitting		
		actions that strive to attain		
		key ecological		
		targets/benchmarks		
		developed in future peer-		
		reviewed research. Support		
		research by and coordinate		
		efforts with all agencies		
		listed above to better		
		understand the minimum		
		lake level required to support		
		the GSL ecosystem.		
		2) Identify constraints and		
		opportunities to achieve		
		ecological targets and/or		
		benchmarks established in		
		future peer reviewed		
		research.		
		3) Identify and support		
		research that further defines		
		GSL ecological condition.		

Water Quality	Aquatic ecology	GSL is a unique and complex	GSL CMP	Xii
and Hydrology		ecosystem of regional and		
		hemispherical importance.		
		Sustainable use of GSL?s		
		natural resources will ensure		
		that the ecological health		
		(e.g., water quality, shoreline		
		condition, salinity, aquatic		
		organisms, wildlife,		
		wetlands), scenic attributes,		
		extractive industries (e.g.,		
		minerals, brine shrimp,		
		microorganisms), and		
		recreation opportunities		
		(e.g., bird watching, hunting,		
		sailing) will be maintained		
		into the future. FFSL will		
		coordinate, as necessary, to		
		ensure that he management		
		of these resources is based		
		on a holistic view of the lake-		
		wide ecosystem?including		
		the use of adaptive		
		management, as necessary?		
		to ensure long-term		
		sustainability. Responsible		
		stewardship of GSL?s		
		resources will provide lasting		
		benefit to the Public Trust.		

Water Quality	Great Salt Lake	Manage at extremely high	GSL CMP	3-5
and Hydrology		and low lake levels to reduce		
		impacts to ecosystems,		
		industry, and infrastructure.		
		1) Support DWRe pumping		
		activities when the lake		
		reaches 4,208 feet to		
		mitigate impacts to GSL		
		resources.		
		2) Coordinate with industry		
		to monitor and maintain		
		breach near Strong?s Knob		
		to facilitate pumping.		
		3) New leases subject to		
		suspended operation when		
		the lake is trending down		
		and reaches 4,193* feet in		
		October. Note: existing		
		operators may not besubject		
		to this management strategy.		
		4) New leases and permits		
		may not be authorized if the		
		lake is at 4,193 feet or less		
		(UTAH CODE 65A-6-5[1])		
Water Quality	Great Salt Lake	Include a term in new and	GSL CMP	3-5
and Hydrology		renewal leases stating that		
		operations may be		
		suspended or modified if the		
		lake level reaches 4,193 feet		
		on October 15.		

Water Quality	Great Salt Lake	Consider water quality in all	GSL CMP	3-6
and Hydrology		management actions.		
		1) When considering new		
		permits or permit renewals,		
		coordinate leasing with		
		DWQ-required permits		
		(UPES, general, stormwater,		
		and the associated		
		antidegradation review)		
		where applicable, including		
		research on negative water		
		quality impacts associated		
		with actions.		
		2) Support DWQ to establish		
		numeric criteria for mercury,		
		nutrients, and other		
		contaminants as they are		
		identified and as they have		
		the potential to impact GSL		
		recreation and aquatic life		
		beneficial uses.		
		3) Communicate new project		
		proposals to DWQ to help		
		ensure impacts do not affect		
		compliance with the existing		
		narrative standard and the		
		numeric selenium standard.		
		4) Continue to support		
		DWQ's efforts to assess the		
		water quality condition of the		
		lake and trackcontaminants		
		of concern.		
		5) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE R317).		
Water Quality	Great Salt Lake	Maintain existing facilities	GSL CMP	3-7
and Hydrology		and consider other		
		opportunities to improve		
		connectivity between bays in		
		a manner that supports		

FFSL?s multiple-use, sustained yield mandate.

- 1) Support efforts to improve circulation between bays in a manner that supports food webs dependent on brine flies and brine shrimp, brine shrimp cysts, and current mineral extraction.
- 2) Understand the hydrologic effects of the Northern Railroad Causeway culverts and how proposed modifications to the causeway would impact salinity in the North and South arms.
- 3) Promote maintenance of structures to ensure bidirectional flow in Northern Railroad Causeway culverts.
- 4) Enforce agreement with Union Pacific to maintain or increase circulation through culverts or other structures.5) Together with USACE,
- consider proposals to increase circulation in the lake in a manner that supports FFSL?s multipleuse, sustained yield mandate.
- 6) Continue and expand GSL salt cycle research by DWRe, UGS, and USGS, including efforts to quantify volume of salt and other minerals within various parts of the lake at different lake levels (e.g., quantify volume of precipitated salt and other

minerals in the North Arm, quantify volume of salt and other minerals in solution in various arms of GSL, quantify volume of salts retained in evaporation ponds, etc.). 7) Support research by DWR, UGS, DWRe, and USGS on the role of lake circulation on the occurrence of the DBL, brine shrimp populations, bioherms, and water quality at varying lake levels. 8) Coordinate with Davis County to help ensure safe operation and good maintenance of the Davis County Causeway. 9) Continue to support DWQ's efforts to assess the water quality condition of the lake and track contaminants of concern. 10) Coordinate with DWQ to help ensure compliance with Utah Water Quality Act regulations (UTAH ADMIN. CODE R317).

Water Quality and Hydrology

Great Salt Lake

climate change on GSL lake level and water chemistry.

1)Consider emerging climate change research and findings from the appropriate resources and agencies when making future

Understand the impacts of

management decisions.
2) Support research to

evaluate the impacts of climate change on GSL lake level and water chemistry. **GSL CMP**

3-11

Water Quality	Great Salt Lake	Recognize the importance	GSL CMP	3-12
nd Hydrology		and support a range of		
		salinity levels that support		
		the brine shrimp population,		
		the associated food web, and		
		the brine shrimp harvesting		
		industry.		
		1) Coordinate with DWRi and		
		UGS to evaluate how		
		authorization of water rights		
		applications would affect		
		salinity of GSL at a range of		
		lake levels.		
		2) Coordinate with DWR to		
		evaluate impacts to brine		
		shrimp populations at a		
		range of lake levels when		
		reviewing new		
		permits/leases and		
		permit/lease renewals.		
		3) Identify research		
		opportunities with DWQ,		
		DWR, and UGS for studying		
		the effects of lake salinity		
		levels and water quality on		
		brine shrimp.		
		4) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE R317).		
		5) Continue to support DWQ?		
		s efforts to monitor		
		contaminants of concern in		
		both brine shrimp and the		
		water column.		
		6) Coordinate with DWQ to		
		help ensure compliance with		
		numeric criteria for		
		pollutants of concern as they		
		are established.		
		7) Coordinate with the		

		managing, permitting, and		
		intersecting entities to		
		maintain ideal salinity levels		
		for		
		brine shrimp resources.		
		8) Continue to partner with		
		UGS to monitor salinity levels		
		and DWR to monitor brine		
		shrimp populations.		
Water Quality	Great Salt Lake	Recognize the importance	GSL CMP	3-13
and Hydrology		and support the		
		sustainability of a range of		
		salinity levels that supports		
		the brine fly populations and		
		the associated food web.		
		1) Promote research (e.g.,		
		USGS, DWR, and DWQ) on		
		the drivers of the brine fly		
		trophic web, including		
		nutrient loading effects on		
		brine shrimp populations,		
		brine fly populations,		
		phytoplankton, and		
		bioherms.		
		2) Coordinate with DWQ to		
		help ensure compliance with		
		Utah Water Quality Act		
		regulations (UTAH ADMIN.		
		CODE R317).		
		3) Coordinate with DWQ to		
		help ensure compliance with		
		numeric criteria for		
		pollutants of concern as they		
		are established.		
		4) Continue to support DWQ?		
		s efforts to monitor		
		contaminants of concern in		
		both brine flies and the		
		water column.		

Vetlands	Maintain GSL water quality to	GSL CMP	3-8
	help ensure wetland health		
	and beneficial uses.		
	1) When considering new		
	permits or lease renewals,		
	coordinate with USACE and		
	DWQ to help ensure impacts		
	do not affect compliance		
	with applicable water quality		
	standards.		
	2) Coordinate with BLM,		
	DWR, DSPR, and other land		
	managers to discuss		
	potential impacts to		
	wetlands resulting from a		
	proposed project.		
	3) Continue to support DWQ		
	to assess and protect the		
	aquatic life beneficial uses of		
	GSL wetlands.		
	4) Coordinate with DWQ		
	issuance of water quality		
	certifications pursuant to		
	Section 401 of the Federal		
	Water Pollution Control Act		
	and Utah Water Quality Act		
	(UTAH ADMIN. CODE R19-5-		
	101?124).		
	5) Continue to support DWQ		
	in identifying water quality		
	standards for wetlands.		

Wetlands	Recognize the importance GSL CMP 3-9	
	and support the	
	sustainability of a wetland	
	mosaic.	
	1) Consider implications to	
	wetland hydrology and	
	connectivity when evaluating	
	permits on sovereign lands.	
	2) Support wetland	
	managers as they seek to	
	achieve optimum duration	
	and seasonality of	
	inundation.	
	3) Support efforts by DWR in	
	working with DWRi to acquire	
	water rights for specific areas	
	of ecological	
	importance such as wetlands	
	and WMAs.	
	4) Support and encourage	
	wetland protection efforts	
	adjacent to sovereign lands.	
	Assist with development of a	
	list of priority wetlands that	
	could be protected where	
	protection efforts would	
	benefit the GSL ecosystem	

Wetlands		Understand the extent and	GSL CMP	3-9
		condition of wetlands around		
		GSL.		
		1) Foster collaboration		
		between research and		
		management entities,		
		including DWR, DWQ, USFWS,		
		and UGS, on future		
		assessment and mapping of		
		impounded and		
		unimpounded wetlands.		
		2) Coordinate with research		
		and management entities to		
		identify wetland stressors.		
		3) Continue to support DWQ		
		to assess and protect the		
		aquatic life beneficial uses of		
		GSL wetlands.		
Wetlands		Coordinate with other	GSL CMP	3-14
		landowners and managers to		
		support upland wetland		
		habitats in other nesting and		
		foraging areas near and		
		associated with GSL (e.g.,		
		Cutler Reservoir, Utah Lake,		
		Fish Springs National Wildlife		
		Refuge, and Bear River).		
Wildlife	Habitat	Recognize the importance	GSL CMP	3-14
		and support the		
		sustainability of viable		
		populations of nesting bird		
		species of regional/global		
		importance and the habitats		
		that support them.		
		1) Coordinate and encourage		
		the maintenance of a		
		diversity of habitats and		
		adequate food supply that		
		support nesting birds.		
		2) Coordinate with DOGM to		

permitting rules that pertain to bird habitat. 3) Consider the impact of recreational activities (hunting and boating) on nesting bird populations and coordinate with DWR to minimize impacts to nesting bird habitat. 4) Support inventory, monitoring, and research of nesting bird populations through DWR. 5) Support DWQ and USGS research and monitoring of water quality impacts to nesting bird populations. 6) Support DWQ in maintaining water quality sufficient to protect the waterfowl, shorebird, and wildlife beneficial uses for GSL. 7) Minimize disturbance to nesting habitat areas by coordinating permitting and land management activities with DWR. 8) Coordinate with DWQ to help ensure compliance with Utah Water Quality Act regulations (UTAH ADMIN. CODE R317). 9) Coordinate with DWQ to help ensure compliance with numeric criteria for pollutants of concern as they are established. Recognize the importance **GSL CMP** 3-15 and support the sustainability of viable

populations of migratory bird

Habitat

Wildlife

species of regional/global significance and the habitats that support them.

- 1) Coordinate with DWR to encourage the maintenance of a diversity of habitats and adequate food supply that support migratory stopover, staging, and wintering birds.
 2) Coordinate with DOGM to help ensure compliance with permitting rules that pertain to bird habitat.
- 3) Consider the impact of recreational activities (hunting and boating) on migratory bird populations and coordinate with DWR to minimize impacts to migratory bird habitat.
 4) Support DWQ in
- 4) Support DWQ in maintaining water quality sufficient to protect the waterfowl, shorebird, and wildlife beneficial uses for GSL.
- 5) Support DWQ and USGS research and monitoring of water quality impacts to migratory bird populations.
- 6) Support inventory, monitoring, and research of migrating bird populations through DWR.
- 7) Coordinate with DWQ to help ensure compliance with Utah Water Quality Act regulations (UTAH ADMIN. CODE R317).
- 8) Coordinate with DWQ to help ensure compliance with numeric criteria for

Weber County | WFRC Natural and Other Resources APPENDIX A: PUBLIC AGENCY PLAN REVIEW MATRIX PREPARED BY WASATCH FRONT REGIONAL COUNCIL pollutants of concern as they are established. Wildlife Habitat Recognize the need to **GSL CMP** 3-15 maintain the isolation of nesting and breeding habitats for bird species of regional/global importance. 1) Coordinate with DWR and USFWS to determine effects of permitting action on rookeries. 2) Coordinate with DWR to implement activities that protect rookery habitat. 3) Coordinate with DOGM to help ensure compliance with permitting rules that pertain to bird habitat. 4) Consider the impact of recreational activities

(hunting and boating) on island rookeries and

with DWR to minimize impacts to bird habitat.

coordinate

Mineral	Great Salt Lake	Assess Current Conditions	GSL MLP	2-1
Resources		Related to Mineral Resource		
		Extraction and Known		
		Reserves/Balances		
		1) Describe historical mineral		
		extraction activities as of the		
		date of the MLP.		
		2) Document existing mineral		
		extraction activities,		
		including location, type of		
		mineral extracted, uses for		
		extracted minerals, and		
		quantity of minerals being		
		extracted.		
		3) Identify mineral balances		
		(i.e., salt balances) based on		
		current conditions and		
		known reserves of oil, gas,		
		and hydrocarbon resources		
		and promote their		
		sustainable yield and		
		mitigation of effects on the		
		environment.		

Mineral	Great Salt Lake	Integrate Mineral Resource	GSL MLP	2-1
Resources		Planning with Other		
		Resource Planning		
		1) Create a framework for		
		long-term policy direction for		
		minerals management that		
		also has the flexibility to		
		respond to the dynamic		
		character of GSL.		
		2) Integrate management of		
		GSL?s mineral resources with		
		the lake?s other resources so		
		that all resources are		
		managed for the health and		
		integrity of the GSL		
		ecosystem.		
		3) Identify compatible uses		
		and conflicts among mineral		
		resource development and		
		other resources on GSL and		
		try to identify possible		
		resolutions for conflicts.		
		4) Align with and use the GSL		
		Lake Level Matrix and		
		management strategies		
		outlined in the 2013 GSL		
		CMP when considering new		
		applications.		

Mineral	Great Salt Lake	Plan for Leasing and Efficient	GSL MLP	2-1
Resources		Development of Mineral		
		Resources		
		1) Classify areas of GSL that		
		are suitable for mineral		
		extraction and areas that are		
		to be excluded from mineral		
		extraction.		
		2) Provide for the orderly		
		leasing of mineral resources		
		to existing and potential		
		mineral lessees.		
		3) Ensure fair compensation		
		to the state from		
		development and extraction		
		of GSL?s various mineral		
		resources.		

Mineral	Great Salt Lake	Establish Transparent	GSL MLP	2-1
Resources		Mineral Leasing Application		
		Process		
		1) Initiate the development		
		of a FFSL permitting process		
		that the winning bidder is		
		required to complete once		
		the winning bidder has been		
		notified of the award.		
		2) Ensure that the applicant		
		knows about the various		
		permits, applications, etc.,		
		required by other State of		
		Utah and federal		
		government agencies.		
		3) Allow for coordination and		
		review of a proposed project		
		by pertinent state and		
		federal agencies.		
		4) Allow opportunities for		
		project-specific analysis, as		
		deemed appropriate.		
		5) Provide opportunities for		
		public comment on		
		proposed projects as		
		deemed appropriate and		
		pursuant to division rules.		
		6) Provide applicant with a		
		record of decision.		
Mineral	Great Salt Lake	Identify Data Gaps in Existing	GSL MLP	2-2
Resources		Knowledge Related to		
		Mineral Extraction		
		1) Provide a summary of		
		areas requiring further study,		
		particularly as they relate to		
		existing and potential		
		impacts from mineral		
		extraction on mineral		
		balances, lake levels, water		
		quality, and habitat		
		degradation.		

Mineral Resources	Great Salt Lake	Assert Role of FFSL as a Manager of State-owned Lands 1) Clearly define sovereign lands for resource users, the public, and other resource management agencies. 2) Act as lead agency in coordinating GSL-related activities, as outlined in UTAH CODE ? 65A-10-8.	GSL MLP	2-2
Mineral Resources	Great Salt Lake	Guide Opportunities for Mineral Leasing in Appropriate Locations throughout Great Salt Lake	GSL MLP	5-2
Mineral Resources	Great Salt Lake	Understand Impacts of Proposed Projects on Great Salt Lake Resources	GSL MLP	5-2
Mineral Resources	Great Salt Lake	Plan for Short- and Long- term Impacts of Mineral Operations on Great Salt Lake	GSL MLP	5-6
Mineral Resources	Great Salt Lake	Understand and Plan for Long-term Impacts of Causeways and Dikes	GSL MLP	5-6
Mineral Resources	Great Salt Lake	Recognize Threats to Mineral Development Sites from Natural Hazards and Plan to Reduce Exposure to Hazards	GSL MLP	5-6
Mineral Resources	Great Salt Lake	Recognize Threats to Mineral Development Sites from Natural Hazards and Plan to Reduce Exposure to Hazards	GSL MLP	5-6
Mineral Resources	Great Salt Lake	Establish Procedures for Mineral Leasing Permitting Process	GSL MLP	5-7

Mineral Resources	Great Salt Lake	Balance the Interests between the Public Trust and Private Entities to Encourage Efficient Use of Mineral Resources	GSL MLP	5-7
Mineral Resources	Great Salt Lake	Ensure Prudent Operations during Mineral Operations and Appropriate Reclamation after Mineral Developments Cease	GSL MLP	5-7
Mineral Resources	Great Salt Lake	Coordinate Management, Permitting, and Research Activities between Applicable Local, State, and Federal Agencies Surrounding Great Salt Lake.	GSL MLP	5-8
Mineral Resources	Great Salt Lake	Enhance Coordination Efforts between FFSL and other Government Agencies	GSL MLP	5-8
Agriculture	Land use	Encourage conservation easements, transfer of development rights, and cluster subdivisions	Ogden Valley General Plan 2015	15
Land Use	Open space	Cluster residential housing developments to provide open spaces and greenbelt between developed areas	Ogden Valley General Plan 2015	19
Land Use	Standards/zoning	Encourage conservation easements, transfer of development rights, and cluster subdivisions	Ogden Valley General Plan 2015	15
Land Use	Standards/zoning	Prevent/limit damage in foothill areas	Ogden Valley General Plan 2015	27

Land Use	Standards/zoning	Prohibit development of sensitive lands, including wetlands, floodplains, steep slopes, critical habitat, wildlife corridors, high water marks (water bodies)	Ogden Valley General Plan 2015	15
Recreation and Tourism	Parks/facilities	Facilitate the ongoing maintenance and expansion of existing recreational facilities and amenities to keep pace with increasing demand.	Ogden Valley General Plan 2015	44
Recreation and Tourism	Trails	Develop a Valley-wide pathway and trail network with pathways that connect individual neighborhoods or subdivisions to the greater active transportation network.	Ogden Valley General Plan 2015	45
Air Quality	Standards	Ensure National Forest management activities result in meeting state and federal air quality standards, and comply with local, state and federal air quality regulations and requirements.	Revised Forest Plan Wasatch- Cache National Forest	4-17
Cultural Resources	Coordination/education	Fully integrate the Heritage Program into land and resource management.	Revised Forest Plan Wasatch- Cache National Forest	4-23
Cultural Resources	Coordination/education	Implement the National Heritage Strategy emphasizing the need for non-project inventories (Section 110) and public education and awareness programs.	Revised Forest Plan Wasatch- Cache National Forest	4-23

Cultural Resources	Inventory/monitoring/modeling	Inventory, evaluate, protect and enhance heritage sites and landscapes.	Revised Forest Plan Wasatch- Cache National Forest	4-23
Fire Management	Preparedness	Increase public understanding and support of the active use of fire to improve watershed and habitat conditions and reduce fuels.	Revised Forest Plan Wasatch- Cache National Forest	4-21
Forest Management	Ecology	Reduce hazardous fuels (prescribed fire, silvicultural and mechanical treatments) with emphasis on interface communities (wildland/urban) and increase proactive participation of communities at risk.	Revised Forest Plan Wasatch- Cache National Forest	4-21
Forest Management	Ecology	Restore or maintain fire- adapted ecosystems (consistent with land uses, historic fire regimes, and other Forest Plan direction) through wildland fire use, prescribed fire, timber harvest or mechanical treatments.	Revised Forest Plan Wasatch- Cache National Forest	4-19
Forest Management	Ecology	Maintain and/or restore tall forb communities to mid seral or potential natural community (PNC) status.	Revised Forest Plan Wasatch- Cache National Forest	4-19

orest	Ecology	Maintain or restore as	Revised	4-19
Management		mature and old age classes	Forest Plan	
		40% of total conifer and 30%	Wasatch-	
		of total aspen cover types,	Cache	
		well distributed across the	National	
		landscape.	Forest	
orest	Ecology	Maintain or restore species	Revised	4-19
Management		composition, such that the	Forest Plan	
		species that occupy any	Wasatch-	
		given site are predominantly	Cache	
		native species in the kind	National	
		and amount that were	Forest	
		historically distributed across		
		the landscapes.		
orest	Ecology	Provide for connectivity of	Revised	4-20
/lanagement		continuous large patches of	Forest Plan	
		forested habitat for interior	Wasatch-	
		forest-dependent and wide-	Cache	
		ranging species (such as lynx,	National	
		wolverine and migratory	Forest	

Forest	Ecology	Provide for sustained	Revised	4-18
Management		diversity of species at the	Forest Plan	
		genetic, populations,	Wasatch-	
		community and ecosystem	Cache	
		levels. Maintain communities	National	
		within their historic range of	Forest	
		variation that sustains		
		habitats for viable		
		populations of species.		
		Restore or maintain		
		hydrologic functions. Reduce		
		potential for uncharacteristic		
		high-intensity wildfires, and		
		insect epidemics. To achieve		
		sustainable ecosystems,		
		meet properly functioning		
		condition (PFC) criteria for all		
		vegetation types that occur		
		in the Wasatch-Cache		
		National Forest. Focus on		
		approximating natural		
		disturbances and processes		
		by restoring composition,		
		age class diversity, patch		
		sizes, and patterns for all		
		vegetation types.		
Forest	Products	Use timber harvest where	Revised	4-23
Management		allowed, to contribute to the	Forest Plan	
		economy while achieving	Wasatch-	
		properly functioning	Cache	
		conditions of vegetation and	National	
		watersheds.	Forest	
Land Access	Planning	Acquire access and rights-of-	Revised	4-24
		way for general public and	Forest Plan	
		administrative use.	Wasatch-	
			Cache	
			National	
			Forest	

Land Access	Planning	Continue to allow for most currently authorized uses while encouraging opportunities to phase out or move to private lands uses with limited public benefits.	Revised Forest Plan Wasatch- Cache National Forest	4-24
Land Access	Planning	Minimize the addition of special use encumbered areas of National Forest.	Revised Forest Plan Wasatch- Cache National Forest	4-24
Land Access	Planning	Provide a variety of opportunities for motorized access while avoiding or reducing undesirable social and resource impacts.	Revised Forest Plan Wasatch- Cache National Forest	4-22
Land Access	Right of Way	Efforts will be made to obtain right-of-ways for public access to the National Forest. Existing right-of ways will be maintained. A priority for right-of-ways will be the linkages to community trails along the front.	Revised Forest Plan Wasatch- Cache National Forest	4-135
Land Access	Right of Way	Regional trails, such as the Great Western Trail and the Bonneville Shoreline Trail will be recognized and valued as unique opportunities to develop recreation corridors across multiple ownerships in the face of expanding development across potential trail corridors.	Revised Forest Plan Wasatch- Cache National Forest	4-160

Land Access	Right of Way	Ogden area in cooperation with the cities of North Ogden, Pleasant View and Willard. Needed access and rights of way will be maintained or acquired to complete the Bonneville Shoreline trail along the Wasatch Front.	Revised Forest Plan Wasatch- Cache National Forest	4-146
Land Use	Standards/zoning	Continue to allow for most currently authorized uses while encouraging opportunities to phase out or move to private lands uses with limited public benefits.	Revised Forest Plan Wasatch- Cache National Forest	4-24
Land Use	Utility corridors	Utilize currently designated utility corridors fully for power transmission lines of 66kV or greater and oil and gas pipelines 10? or greater.	Revised Forest Plan Wasatch- Cache National Forest	4-25
Land Use	Visual/aesthetics	Recognize and manage for the importance of scenic forest landscapes to overall recreation settings as well as to the quality of life for communities adjacent to the Forest.	Revised Forest Plan Wasatch- Cache National Forest	4-22
Land Use	Visual/aesthetics	Restore, maintain or enhance landscape scenic integrity across the variety of landscape character themes found on the Forest.	Revised Forest Plan Wasatch- Cache National Forest	4-22

Law Enforcement		Increase Forest Service field presence in key areas, improve effectiveness of public information on restrictions, and increase participation of individuals and organized groups in monitoring uses.	Revised Forest Plan Wasatch- Cache National Forest	4-23
Livestock and Grazing		Manage livestock grazing levels and operations on suitable lands for sustainable forage use within properly functioning conditions.	Revised Forest Plan Wasatch- Cache National Forest	4-24
Noxious Weeds		Greatly reduce known infestations of noxious weeds and rigorously prevent their introduction and/or spread.	Revised Forest Plan Wasatch- Cache National Forest	4-20
Noxious Weeds		Improve Forest user?s awareness of what noxious weeds are and how they spread and increase Forest users? active participation in reducing and preventing infestations.	Revised Forest Plan Wasatch- Cache National Forest	4-20
Recreation and Tourism	Coordination/partnerships	Involve Forest users in developing strategies for managing recreation to meet desired future conditions and address recreation pressures and demands.	Revised Forest Plan Wasatch- Cache National Forest	4-22
Recreation and Tourism	Interpretation/education	Increase Forest recreation user stewardship of resources and strengthen awareness of user ethics for reducing resource and social conflicts.	Revised Forest Plan Wasatch- Cache National Forest	4-22

Recreation and Tourism Revised 4- And Tourism Revised 6- And Tourism Revised 7- And Tourism Revised 6- And Tourism Revised 6- And Tourism Revised 6- And Tourism Revised 7- And Tourism Revised 6- And Tourism Revised 7- And Tourism Revised 8- And Tourism 7- And Tourism 8- And Tourism 8- And Tourism 8- And Tourism 8- And Tourism 9- A	
and Tourism recreation opportunities and settings to improve the wasatch-quality of life for a variety of Cache Forest recreation users. National Balance growth and expansion of recreation by managing within the capability of sustainable ecosystems found on the Forest for today and the future. Recreation Tourism Use ski area associated private and public developed Forest Plan recreation facilities to Wasatch-provide world-class skiing Cache	2
and Tourism private and public developed Forest Plan recreation facilities to Wasatch-provide world-class skiing Cache	
opportunities while Forest contributing to the economy.	3
Recreation Trails Acquire lands or easements Revised 4- and Tourism needed to facilitate Forest Plan Bonneville Shoreline and Wasatch- Great Western Trails Cache development. National Forest	4
Recreation Trails Manage trails to provide Revised 4- and Tourism desired recreation Forest Plan opportunities for recreation Wasatch- users and to meet Forest Cache Service standards. National Forest	

Recreation and Tourism	User groups	Manage recreation use of undeveloped areas on the forest to provide for desirable opportunities while preventing or reducing resource impacts and social conflicts.	Revised Forest Plan Wasatch- Cache National Forest	4-22
Recreation and Tourism	User groups	Manage uses of new recreational technologies to provide for opportunities while preventing or minimizing negative social and/or resource impacts on the Forest.	Revised Forest Plan Wasatch- Cache National Forest	4-22
Recreation and Tourism	User groups	Provide a variety of opportunities for motorized access while avoiding or reducing undesirable social and resource impacts.	Revised Forest Plan Wasatch- Cache National Forest	4-21
Recreation and Tourism	User groups	Work closely with city, county, state and tribal governments to provide for integrated, coordinated development and management (including enforcement) of OHV activities.	Revised Forest Plan Wasatch- Cache National Forest	4-21
Riparian Areas		Maintain and/or restore habitat to sustain populations of well- distributed native and desired non-native plant, vertebrate, and invertebrate populations that contribute to viability of riparian- dependent communities.	Revised Forest Plan Wasatch- Cache National Forest	4-18

Riparian Areas	Maintain or restore aquatic	Revised	4-20
	and riparian habitats,	Forest Plan	
	through recognition and	Wasatch-	
	management of Riparian	Cache	
	Habitat Conservation Areas	National	
	(defined in Glossary) for	Forest	
	metapopulations of		
	cutthroat trout, recognizing		
	the relative degree to which		
	these fish depend on		
	National Forest lands and		
	conditions of these habitats		
	off-forest.		
Riparian Areas	Raintain and/or restore	Revised	4-18
	diversity, productivity, vigor,	Forest Plan	
	and regenerative capacity of	Wasatch-	
	native and desired non-	Cache	
	native riparian and wetland	National	
	plant communities to	Forest	
	provide an amount and		
	distribution of large woody		
	debris characteristic of		
	natural aquatic & riparian		
	ecosystems; provide		
	adequate summer & winter		
	thermal regulation; and to		
	help achieve rates of surface		
	erosion and channel		
	migration characteristic of		
	those under which desired		
	communities develop.		
Riparian Areas	Maintain and/or restore	Revised	4-18
	habitat to sustain	Forest Plan	
	populations of well-	Wasatch-	
	distributed native and	Cache	
	desired non-native plant,	National	
	vertebrate, and invertebrate	Forest	
	populations that contribute		
	to viability of riparian-		
	dependent communities.		

Riparian Areas		Raintain and/or restore	Revised	4-18
		diversity, productivity, vigor,	Forest Plan	
		and regenerative capacity of	Wasatch-	
		native and desired non-	Cache	
		native riparian and wetland	National	
		plant communities to	Forest	
		provide an amount and		
		distribution of large woody		
		debris characteristic of		
		natural aquatic & riparian		
		ecosystems; provide		
		adequate summer & winter		
		thermal regulation; and to		
		help achieve rates of surface		
		erosion and channel		
		migration characteristic of		
		those under which desired		
		communities develop.		
Threatened,	Habitat	Provide for connectivity of	Revised	4-20
Endangered,		continuous large patches of	Forest Plan	
and Sensitive		forested habitat for interior	Wasatch-	
Species		forest-dependent and wide-	Cache	
		ranging species (such as lynx,	National	
		wolverine and migratory	Forest	
		birds).		
Threatened,	Habitat	Maintain pollinators and	Revised	4-19
Endangered,		minimize impacts to	Forest Plan	
and Sensitive		pollinators or their habitats.	Wasatch-	
Species			Cache	
			National	
			Forest	
Threatened,	Interpretation/education	Improve Forest users?	Revised	4-20
Endangered,		understanding of the values	Forest Plan	
and Sensitive		of and potential human	Wasatch-	
Species		impacts to biodiversity and	Cache	
		viability of species.	National	
			Forest	

Threatened, Endangered, and Sensitive Species	Interpretation/education	Increase understanding of and support research on the distribution, ecology, and threats to plant species at risk, nonvascular plants and rare plant communities.	Revised Forest Plan Wasatch- Cache National Forest	4-19
Threatened, Endangered, and Sensitive Species	Population viability	Maintain or restore viability of populations of species at risk, Watch List Plants, and rare communities	Revised Forest Plan Wasatch- Cache National Forest	4-19
Threatened, Endangered, and Sensitive Species	Population viability	Maintain viability of species- at-risk (including endangered, threatened and sensitive species and unique communities).	Revised Forest Plan Wasatch- Cache National Forest	4-19
Threatened, Endangered, and Sensitive Species	Population viability	Manage Forest Service sensitive species to prevent them from being classified as threatened or endangered and where possible provide for delisting as sensitive (FSM 2670).	Revised Forest Plan Wasatch- Cache National Forest	4-19

Threatened,	Population viability	Provide for sustained	Revised	4-18
Endangered,		diversity of species at the	Forest Plan	
and Sensitive		genetic, populations,	Wasatch-	
Species		community and ecosystem	Cache	
		levels. Maintain communities	National	
		within their historic range of	Forest	
		variation that sustains		
		habitats for viable		
		populations of species.		
		Restore or maintain		
		hydrologic functions. Reduce		
		potential for uncharacteristic		
		high-intensity wildfires, and		
		insect epidemics. To achieve		
		sustainable ecosystems,		
		meet properly functioning		
		condition (PFC) criteria for all		
		vegetation types that occur		
		in the Wasatch-Cache		
		National Forest. Focus on		
		approximating natural		
		disturbances and processes		
		by restoring composition,		
		age class diversity, patch		
		sizes, and patterns for all		
		vegetation types.		
Water Quality	Aquatic ecology	Maintain and/or improve	Revised	4-17
and Hydrology		water quality to provide	Forest Plan	
		stable and productive	Wasatch-	
		riparian and aquatic	Cache	
		ecosystems.	National	
			Forest	

Water Quality	Aquatic ecology	Maintain and/or restore	Revised	4-17
and Hydrology	. 3	overall watershed health	Forest Plan	
, 6,		(proper functioning of	Wasatch-	
		physical, biological and	Cache	
		chemical conditions). Provide	National	
		for long term soil	Forest	
		productivity. Watershed		
		health should be addressed		
		across administrative and		
		political boundaries.		
Water Quality	Aquatic ecology	Maintain and/or restore	Revised	4-18
and Hydrology	·	stream channel integrity,	Forest Plan	
		channel processes, and	Wasatch-	
		sediment regimes (timing,	Cache	
		volume, character of	National	
		sediment input/transport)	Forest	
		under which riparian &		
		aquatic ecosystems		
		developed.		
Water Quality	Aquatic ecology	Maintain water in streams,	Revised	4-18
and Hydrology		lakes, and wetlands of	Forest Plan	
		adequate quantity and	Wasatch-	
		quality to provide for	Cache	
		instream flows and existing	National	
		downstream uses including	Forest	
		support of healthy riparian &		
		aquatic habitats, stability &		
		effective function of stream		
		channels, ability to route		
		flood discharges, and to		
		maintain recreation		
		opportunities.		
Water Quality	Quality/standards	Protect waters meeting or	Revised	4-17
and Hydrology		surpassing State water	Forest Plan	
		quality standards by	Wasatch-	
		planning and designing land	Cache	
		management activities to	National	
		protect	Forest	

Water Quality and Hydrology	Watershed	Design and implement watershed management programs and plans that will restore water quality and watershed function to support beneficial uses.	Revised Forest Plan Wasatch- Cache National Forest	4-17
Water Quality and Hydrology	Watershed	Maintain and/or restore soil productivity to improve watershed functioning through managing ground cover, soil compaction, and vegetation.	Revised Forest Plan Wasatch- Cache National Forest	4-18
Water Quality and Hydrology	Watershed	Identify [watershed] areas not in properly functioning condition. Improve plant species composition, ground cover and age class diversity in these areas.	Revised Forest Plan Wasatch- Cache National Forest	4-17
Wetlands		Maintain and/or restore natural timing and variability of water table elevation in spring sources, meadows & wetlands.	Revised Forest Plan Wasatch- Cache National Forest	4-18
Wetlands		Maintain and/or restore natural timing and variability of water table elevation in spring sources, meadows & wetlands.	Revised Forest Plan Wasatch- Cache National Forest	4-18

Wetlands		Maintain and/or restore	Revised	4-18
		diversity, productivity, vigor,	Forest Plan	
		and regenerative capacity of	Wasatch-	
		native and desired non-	Cache	
		native riparian and wetland	National	
		plant communities to	Forest	
		provide an amount and		
		distribution of large woody		
		debris characteristic of		
		natural aquatic & riparian		
		ecosystems; provide		
		adequate summer & winter		
		thermal regulation; and to		
		help achieve rates of surface		
		erosion and channel		
		migration characteristic of		
		those under which desired		
		communities develop.		
Wilderness		Manage Wildernesses	Revised	4-25
		recognizing differences in	Forest Plan	
		population proximity and	Wasatch-	
		consequent role in providing	Cache	
		wilderness experiences for	National	
		more people.	Forest	
Wildlife	Habitat	Evaluate areas with potential	Revised	4-19
		for Research Natural Area	Forest Plan	
		designation including Ben	Wasatch-	
		Lomond Peak (tall forb	Cache	
		values), western portion of	National	
		the Deseret Peak Wilderness	Forest	
		(Great Basin community		
		types and cryptogamic		

Wildlife	Habitat	Maintain or restore aquatic	Revised	4-20
		and riparian habitats,	Forest Plan	
		through recognition and	Wasatch-	
		management of Riparian	Cache	
		Habitat Conservation Areas	National	
		(defined in Glossary) for	Forest	
		metapopulations of		
		cutthroat trout, recognizing		
		the relative degree to which		
		these fish depend on		
		National Forest lands and		
		conditions of these habitats		
		off-forest.		
Wildlife	Habitat	Provide adequate habitat	Revised	4-20
		components for sustainable	Forest Plan	
		big game populations	Wasatch-	
		coordinated with State	Cache	
		wildlife management	National	
		agencies, private lands and	Forest	
		other resource needs and		
		priorities.		
Wildlife	Habitat	Provide for connectivity of	Revised	4-20
		continuous large patches of	Forest Plan	
		forested habitat for interior	Wasatch-	
		forest-dependent and wide-	Cache	
		ranging species (such as lynx,	National	
		wolverine and migratory	Forest	
		birds).		
Wildlife	Habitat	Provide suitable habitat for	Revised	4-20
		prey species such as hares,	Forest Plan	
		squirrels, and small	Wasatch-	
		mammals.	Cache	
			National	
			Forest	

Wildlife	Population management	Provide for sustained	Revised	4-18
		diversity of species at the	Forest Plan	
		genetic, populations,	Wasatch-	
		community and ecosystem	Cache	
		levels. Maintain communities	National	
		within their historic range of	Forest	
		variation that sustains		
		habitats for viable		
		populations of species.		
		Restore or maintain		
		hydrologic functions. Reduce		
		potential for uncharacteristic		
		high-intensity wildfires, and		
		insect epidemics. To achieve		
		sustainable ecosystems,		
		meet properly functioning		
		condition (PFC) criteria for all		
		vegetation types that occur		
		in the Wasatch-Cache		
		National Forest. Focus on		
		approximating natural		
		disturbances and processes		
		by restoring composition,		
		age class diversity, patch		
		sizes, and patterns for all		
		vegetation types.		
Land Use	Jurisdiction/exchanges	upgrade school and	SITLA	R850-2-
		institutional trust land assets		200
		where prudent by exchange.		
Land Use	Productivity	manage school and	SITLA	R850-2-
Land Ose	Froductivity	institutional trust lands for	SITEA	200
		their highest and best trust		200
		land use.		
Land Use	Productivity	maximize the commercial	SITLA	R850-2-
		gain from trust land uses for		200
		school and institutional trust		
		lands consistent with long-		
		term support of beneficiaries		

Land Use	Productivity	permit other land uses or	SITLA	R850-2-
		activities not prohibited by		200
		law which do not constitute a		
		loss of trust assets or loss of		
		economic opportunity.		
Predator		Maintain a healthy cougar	Utah Cougar	3
Control		population within their	Management	
		current distribution while	Plan	
		considering human safety,		
		economic concerns, other		
		wildlife species, and		
		maintaining hunting		
		traditions through 2025.		
Recreation	Interpretation/education	Increase opportunities for	Utah Mule	22
and Tourism		viewing mule deer while	Deer	
		educating the public	Statewide	
		concerning the needs of deer	Management	
		and the importance of	Plan	
		habitat and other limiting		
		factors.		
Recreation	Interpretation/education	Provide a diversity of high-	Utah Mule	20
and Tourism		quality hunting and viewing	Deer	
		opportunities for mule deer	Statewide	
		throughout the state.	Management	
			Plan	
Wildlife	Habitat	Habitat Goal: Conserve,	Utah Mule	18
		improve, and restore mule	Deer	
		deer habitat throughout the	Statewide	
		state with	Management	
		emphasis on crucial ranges.	Plan	
Wildlife	Habitat	Habitat Objective 1: Maintain	Utah Mule	18
		mule deer habitat	Deer	
		throughout the state by	Statewide	
		protecting and enhancing	Management	
		existing crucial habitats and	Plan	
		mitigating for losses due to		
		natural and human impacts.		

Wildlife	Habitat	Habitat Objective 2: Improve the quality and quantity of vegetation for mule deer on a minimum of 500,000 acres of crucial range by 2019.	Utah Mule Deer Statewide Management Plan	19
Wildlife	Population management	Maintain a hunting program for mule deer that encourages a variety of quality hunting opportunities while maintaining population objectives.	Utah Mule Deer Statewide Management Plan	20
Wildlife	Population management	Population Management Goal: Expand and improve mule deer populations throughout the state within the carrying capacity of available habitats and in consideration of other land uses.	Utah Mule Deer Statewide Management Plan	17
Wildlife	Population management	Population Objective: By 2019, increase mule deer populations within the state as conditions allow and bring all populations to their unit objective (currently (2014) 425,400).	Utah Mule Deer Statewide Management Plan	17
Predator Control		The DWR predator-control program provides incentives for hunters to remove coyotes. Primary goal of the program is to remove coyotes from areas where they may prey on mule deer. Participants receive \$50 for each properly documented coyote that they kill in Utah.	Utah Predator Control Program Summary 2014-2015	0
Fisheries	Barriers	Native ?shes are able to move past water-??diversion barriers where necessary or desired.	Utah Wildlife Action Plan	203

Fisheries	Barriers	New roads are planned and sited in areas where there are limited impacts to wildlife. When existing roads are maintained, barriers to wildlife movement are altered to allow for movement.	Utah Wildlife Action Plan	173
Fisheries	Barriers	Native ?shes are able to move past water?diversion barriers where necessary or desired.	Utah Wildlife Action Plan	203
Fisheries	Flows	Establish water allocation policies protecting su?cient water to maintain a functioning aquatic ecosystem for aquatic key habitats (especially those with occurrences of SGCNs).	Utah Wildlife Action Plan	198
Fisheries	Flows	Natural hydrographs (timing, duration, temperature, etc) are restored or mimicked in priority stream reaches below dams and reservoirs.	Utah Wildlife Action Plan	205
Fisheries	Habitat	Aquatic key habitats (especially at those locations important for SGCNs) contain su?cient water to maintain a functioning aquatic ecosystem that supports the conservation target(s).	Utah Wildlife Action Plan	196
Fisheries	Habitat	Complex habitats and ? oodplain connections are restored or maintained in selected rivers/streams.	Utah Wildlife Action Plan	199
Land Use	Open space	Open lands that are crucial to wildlife do not have the potential to be developed for housing and urban growth.	Utah Wildlife Action Plan	160

Land Use	Standards/zoning	Future physical and environmental footprints of housing and urban development are reduced or managed so that wildlife resources are sustained.	Utah Wildlife Action Plan	162
Livestock and Grazing		Grazing is managed such that ecological conditions in Key Habitats show improvement in various indicators of rangeland health.	Utah Wildlife Action Plan	168
Noxious Weeds		Invasive plant dominance/presence is reduced or eliminated in locations or habitats where such an outcome is realistic (ecologically and economically).	Utah Wildlife Action Plan	228
Noxious Weeds		Locations/habitats that currently do not have non-?? native plant problems remain free from the introduction and spread of invasive non-??native plants.	Utah Wildlife Action Plan	226
Predator Control		Depleted native species whose populations require relief from native predators, receive assistance for as long as they need it, and no longer.	Utah Wildlife Action Plan	240
Predator Control		Highly human-??tolerant problematic bird and mammal species are kept in check where their success has the potential to become problematic.	Utah Wildlife Action Plan	240

Recreation and Tourism	Interpretation/education	Responsible recreation is promoted and encouraged via e?ective education and	Utah Wildlife Action Plan	178
Recreation and Tourism	User groups	enforcement. Recreational opportunities (OHV) are designed and presented in ways that encourage and promote responsible participation, while also ensuring that wildlife and habitat impacts are kept at acceptably low levels.	Utah Wildlife Action Plan	177
Threatened, Endangered, and Sensitive Species	Aquatic	Aquatic key habitats (especially at those locations important for SGCNs) contain su?cient water to maintain a functioning aquatic ecosystem that supports the conservation target(s).	Utah Wildlife Action Plan	196
Threatened, Endangered, and Sensitive Species	Aquatic	Complex habitats and ? oodplain connections are restored or maintained in selected rivers/streams.	Utah Wildlife Action Plan	199
Threatened, Endangered, and Sensitive Species	Aquatic	Establish water allocation policies protecting su?cient water to maintain a functioning aquatic ecosystem for aquatic key habitats (especially those with occurrences of SGCNs).	Utah Wildlife Action Plan	198
Threatened, Endangered, and Sensitive Species	Aquatic	Implement laws and policies for a broader array of agencies or conservation organizations to hold in-? stream water rights for the bene?t of aquatic habitats and SGCNs.	Utah Wildlife Action Plan	198

Threatened, Endangered, and Sensitive Species	Aquatic	Native ?shes are able to move past water-??diversion barriers where necessary or desired.	Utah Wildlife Action Plan	203
Threatened, Endangered, and Sensitive Species	Aquatic	Natural hydrographs (timing, duration, temperature, etc) are restored or mimicked in priority stream reaches below dams and reservoirs.	Utah Wildlife Action Plan	205
Threatened, Endangered, and Sensitive Species	Habitat	New roads are planned and sited in areas where there are limited impacts to wildlife. When existing roads are maintained, barriers to wildlife movement are altered to allow for movement.	Utah Wildlife Action Plan	173
Threatened, Endangered, and Sensitive Species	Habitat	Future physical and environmental footprints of housing and urban development are reduced or managed so that wildlife resources are sustained.	Utah Wildlife Action Plan	162
Threatened, Endangered, and Sensitive Species	Habitat	Grazing is managed such that ecological conditions in Key Habitats show improvement in various indicators of rangeland health.	Utah Wildlife Action Plan	168
Threatened, Endangered, and Sensitive Species	Habitat	Locations/habitats that currently do not have non-?? native plant problems remain free from the introduction and spread of invasive non-??native plants.	Utah Wildlife Action Plan	226
Threatened, Endangered, and Sensitive Species	Habitat	Open lands that are crucial to wildlife do not have the potential to be developed for housing and urban growth.	Utah Wildlife Action Plan	160

Threatened,	Habitat	Recreational opportunities	Utah Wildlife	177
Endangered,		(OHV) are designed and	Action Plan	
and Sensitive		presented in ways that		
Species		encourage and promote		
		responsible participation,		
		while also ensuring that		
		wildlife and habitat impacts		
		are kept at acceptably low		
		levels.		
Threatened,	Interpretation/education	Responsible recreation is	Utah Wildlife	178
Endangered,		promoted and encouraged	Action Plan	
and Sensitive		via e?ective education and		
Species		enforcement.		
Water Quality	Aquatic ecology	Implement laws and policies	Utah Wildlife	197
and Hydrology		for a broader array of	Action Plan	
		agencies or conservation		
		organizations to hold in-?		
		stream water rights for the		
		bene?t of aquatic habitats		
		and SGCNs.		
Water Rights		Implement laws and policies	Utah Wildlife	197
		for a broader array of	Action Plan	
		agencies or conservation		
		organizations to hold in-?		
		stream water rights for the		
		bene?t of aquatic habitats		
		and SGCNs.		
Wetlands		Implement laws and policies	Utah Wildlife	197
		for a broader array of	Action Plan	
		agencies or conservation		
		organizations to hold in-?		
		stream water rights for the		
		bene?t of aquatic habitats		
		and SGCNs.		
Wildlife	Habitat	Future physical and	Utah Wildlife	162
		environmental footprints of	Action Plan	
		housing and urban		
		development are reduced or		
		managed so that wildlife		
		resources are sustained.		

Wildlife	Habitat	Grazing is managed such that ecological conditions in Key Habitats show improvement in various indicators of rangeland health.	Utah Wildlife Action Plan	168
Wildlife	Habitat	Inappropriate Fire Frequency and Intensity - Fire is excluded from habitats in which potential burns now would be frequent, large, and destructive to soils and native vegetation to the habitats are being actively managed (treated) to reduce components or factors that promote risk of catastrophic ?re, such as cheatgrass, excessive conifer encroachment, or unnaturally large stands of mature Gambel oak	Utah Wildlife Action Plan	188
Wildlife	Habitat	New roads are planned and sited in areas where there are limited impacts to wildlife. When existing roads are maintained, barriers to wildlife movement are altered to allow for movement.	Utah Wildlife Action Plan	173
Wildlife	Habitat	Open lands that are crucial to wildlife do not have the potential to be developed for housing and urban growth.	Utah Wildlife Action Plan	160
	Standards	Enhance air quality.	Wasatch	18
Air Quality			Choices 2040	

Land Use	Open space	Encourage conservation of	Wasatch	18
		open space and irreplaceable natural resources in land use	Choices 2040	
		decisions.		
		decisions.		
Land Use	Standards/zoning	Promote conservation of	Wasatch	18
		regionally significant critical	Choices 2040	
		lands.		
Land Use	Standards/zoning	Protect and enhance the	Wasatch	18
		natural environment.	Choices 2040	
Land Use	Visual/aesthetics	Enhance the aesthetic beauty	Wasatch	18
		of our built environment.	Choices 2040	
Recreation	Accessibility	Create and enhance access	Wasatch	18
and Tourism	,	to areas of natural beauty	Choices 2040	
		and recreation.		
Recreation	Trails	Encourage community trails	Wasatch	18
and Tourism		coordinated with	Choices 2040	
		regional/state trail systems.		
Water Quality	Conservation	Promote conservation of	Wasatch	18
and Hydrology		water [and] enhance water	Choices 2040	
		quality.		
Noxious		Established noxious weed	Wasatch-	1/15/2016
weeds		infestations are not	Cache	
		increasing or are reduced to	National	
		low densities. New invader	Forest	
		species are not becoming	Noxious	
		established. New infestations	Weed	
		of species are contained or	Treatment	
		reduced. New populations of	Program:DEIS	
		existing noxious weeds are		
		eradicated or reduced in		
		highly susceptible, often disturbed areas. Native		
		plants dominate most		
		piants dominate most		
		landscapes that have been		

Agriculture	Land use	The preservation of	Weber	4
		agricultural lands and	County	
		agricultural sustainability go	Resource	
		hand-in-hand.	Assessment	
Agriculture	Land use	Sustainable agriculture can	Weber	4
		have numerous goals and	County	
		facets, but it ultimately	Resource	
		strives to bring increased	Assessment	
		profits, sound stewardship of		
		air, water, and soil, and		
		improved quality of life to		
		farming communities. Most		
		agricultural producers want		
		to continue farming but are		
		concerned about the future		
		of their profession and		
		family operations.		
		Sustainable agriculture is a		
		priority concern because of		
		the important role of		
		agriculture in Weber County?		
		s economy, healthy lands,		
		and way of life.		
Air quality	Standards	Promote efforts to improve	Weber	11
		air quality such as the	County	
		Choose Clean Air program,	Resource	
		residential wood burning	Assessment	
		control, and the Utah Clean		
		Fuels Program.		

Ditches and	Current funding programs	Weber	6
canals	are inadequate for dealing	County	U
Callais	with the magnitude of canal	Resource	
	improvements needed. They	Assessment	
	have strict limitations and	Assessment	
	are not set up in a way that is		
	practical. It would be		
	extremely beneficial for both		
	agricultural and M&I users if		
	funding mechanisms were in		
	place that could be easily		
	applied for and		
	implemented. It would		
	enable deliv-ery system		
	companies to improve and		
	upgrade their infrastructure		
	before a catastrophe or break occurs.		
Ditches and	Canals are often used for	Weber	7
canals	unauthorized recreation.	County	
	This is both a safety and a	Resource	
	liability issue. Canals are not	Assessment	
	meant for recreation, but it		
	inevitably happens. The		
	canal companies are forced		
	to implement security		
	measures and carry		
	insurance coverage, further		
	adding to the high price of		
	water.		

Ditches and	Agricultural users are often	Weber	7
canals	negatively impacted during	County	
	peak residential irrigation	Resource	
	hours because the water	Assessment	
	level in the system drops due		
	to insufficient water. When		
	this occurs, farmers,		
	especially those at the end of		
	the ditch, miss water turns		
	on their crops. When farmers		
	miss their turns, the local		
	food supply can be		
	significantly stressed and		
	damaged; therefore, a		
	balance of residential use		
	needs to be established to		
	allow end of ditch users to		
	get their water.		
Ditches and	Canal companies are	Weber	7
canals	typically forced to borrow	County	
	money and raise	Resource	
	assessments in order to pay	Assessment	
	back the loans needed to		
	perform maintenance. This		
	results in raised assessments		
	that threaten agricultural		
	sustainability. Ideally, all who		
	benefit, including the urban		
	population that is supplied		
	water through the canal		
	companies, would share the		
	maintenance and repair		
	burden. This may help		
	systems run at maximum		
	efficiency and provide the		
	most value and benefit to the		
	community.		

Noxious weeds		It is critical to keep potential [invasive weeds] out of the county. Once a noxious or invasive weed is established, it becomes extremely difficult to manage.	Weber County Resource Assessment	8
Noxious weeds		Land managers should strive to keep potential invaders out and ensure that newly detected weeds are treated before they become prolific.	Weber County Resource Assessment	8
Noxious weeds		It is critical to remain vigilant and treat [invasive weeds] before they become too widespread. Eliminating them before they cause damage to the landscape will save the county from losing biological resources and lessen the financial burden it takes to control these weeds once they spread out of control.	Weber County Resource Assessment	8
Water Quality and Hydrology	Quality/standards	When land is developed, many of the [water quality] issues can be minimized if storm water, tail water, and effluent water are properly managed and comply with Utah State Water Law under Utah Code, Title 73.	Weber County Resource Assessment	7

Water Quality	Conservation	Water is critical for	Weber	7
and Hydrology		agriculture that provides a	County	
		significant food supply to	Resource	
		Weber County and its	Assessment	
		surrounding area.		
		Agricultural water users need		
		to maximize their irrigation		
		efficiency by implementing		
		the most water efficient		
		irrigation technology. These		
		projects are costly and often		
		require grants and loans to		
		implement. Likewise, M&I		
		users need to implement		
		both indoor and outdoor		
		water conservation		
		measures to ensure all the		
		water in the county is being		
		put to the best use.		
Water Quality	Conservation	There is not enough	Weber	7
and Hydrology		supplemental water in	County	
		Weber County to support the	Resource	
		expected population	Assessment	
		increase. Future options of		
		importing water into the		
		county from the Bear River		
		and Flaming George		
		Reservoir, as well as aquifer		
		recharge projects, are being		
		explored. These options are		
		extremely costly and will		
		significantly raise the price of		
		water for all users. It is		
		important that conservation		
		measures in the county be		
		maximized in order to		
		stretch the limited water		
		supply and to avoid, if		

Water Quality	Quality/standards	The Watershed Restoration	Weber	10
and Hydrology		Action Strategy (WRAS),	County	
		created in 2003 by the Weber	Resource	
		River Watershed Coalition,	Assessment	
		outlines nine goals and 29		
		necessary steps to meet		
		these goals. The outcome of		
		this WRAS should be the		
		cooperation of many		
		stakeholders to implement		
		controls and procedures that		
		insure that this watershed		
		meets clean water standards.		
		This will take commitment by		
		local governments,		
		landowners, and public		
		users. Success will depend		
		on the participation and		
		cooperation of all involved in		
		this critical watershed.		
Agriculture	Land use	Encourage property owners	West Central	2-16
		who are engaged in	Weber	
		agricultural production and	County	
		business to expand	General Plan	
		agricultural protection areas		
		whenever possible, and		
		encourage additional		
		property owners to commit		
		their property to agricultural		
		protection.		
Flood Plains	Buffer/zoning	The Weber River floodplain,	West Central	4-4
and River		wetland areas associated	Weber	
Terraces		with the meander corridor,	County	
		and streamside vegetation	General Plan	
		should be protected from		
		development. A setback of		
		100? from the high water line		
		on either side of the river, as		
		determined by the County		

Land Use	Standards/zoning	Encourage farmers to sell development density to developers interested in developing at higher densities near developing sewer infrastructure.	West Central Weber County General Plan	2-16
Land Use	Standards/zoning	The existing wildlife and waterfowl management areas are zoned S-1 and remain unchanged.	West Central Weber County General Plan	2-16
Agriculture	Land use	To protect the working lands of the Wasatch Front which include forests, orchards, rangelands, and agricultural lands. To support the economic viability of working lands, maintain their benefits, and to retain the rural character of the region.	WFRC (re)connect	46
Cultural Resources	Preservation	To promote the development of healthy communities, places we live, work, and gather. To preserve and strengthen cultural resources, places of heritage, and economic health.	WFRC (re)connect	53
Flood Plains and River Terraces	Natural function	To promote a healthy hydrological system which encourages efficient flood control and water conveyance, while providing clean water, wildlife habitat, and recreational uses.	WFRC (re)connect	32

Recreation	Planning	To protect and enhance	WFRC	39
and Tourism		parks and open space of the	(re)connect	
		Wasatch Front, to connect		
		land and water corridors, to		
		provide outdoor recreation		
		opportunities such as fishing,		
		hunting, wildlife viewing,		
		paddling, camping, and trail-		
		based activities. To		
		strengthen the vibrant		
		network of parks, trails,		
		scenic qualities, recreational		
		amenities, and natural lands		
		in the Wasatch Front.		
Water Quality	Supply	To protect and enhance the	WFRC	32
and Hydrology		water resources of the	(re)connect	
,		Wasatch Front, including		
		watersheds, wetlands,		
		groundwater, and source		
		water areas, to ensure water		
		quality, and to provide a		
		continually safe and		
		abundant water supply.		
Wildlife	Habitat	To protect and enhance	WFRC	23
		natural landscapes,	(re)connect	
		ecosystems, and the	(* 5,25****55	
		biodiversity of the Wasatch		
		Front Region. To provide		
		habitat for plant		
		communities, wildlife, and		
		fisheries, and to include		
		unique ecological		
		communities for rare,		
		threatened or endangered		
		species; and areas of		
		•		

APPENDIX A: PUB	ILIC AGENCY PLAN REVIEW MATRIX PREPARED BY WASAT	CH FRONT REGIONAL	COUNCIL
Noxious	Appropriately manage	Utah	18
weeds	existing and invasive weeds	Strategic Plan	
	in Utah through: A)	for Managing	
	education and research; B)	Noxious and	
	Mapping and monitoring; C)	Invasive	
	Prevention, early detection,	Weeds	
	and rapid response; D)		
	Control - integrated weed		
	management; E) Restoration;		
	F) Regulation and		

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enforcement; G) Funding.